



Seyhun Akyurek

Software Engineering Lead - Founder of Crafted | AI

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🌐 <https://seyhunakkyurek.com>
📄 Crafted- we-crafted.com

Profiles

[in seyhunak](#)
[🔗 seyhunak](#)
[✂️ seyhunak](#)
[📺 seyhunak](#)
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Summary

I am results-driven Software Engineering Lead - Founder of Crafted with over **20 years of experience in software development** and team management, **specializing in fintech, mobile applications, and AI solutions**.

Proven track record of **leading engineering teams** to deliver high-quality products on time and within budget and developing engineering processes.

Skilled in **banking/fintech and ecommerce development**, coding managing IT teams, managing project timelines, budgets, and risks while driving innovation and continuous improvement in agile environments.

Fluent in English, Turkish, and Azerbaijani.

Skills

- Engineering Management: Team Leadership, Performance Evaluations, Mentorship
- Project Management: Expertise in Team Management, Budget Resource Allocation, Timeline and Roadmap.
- Technical Skills: Proficient in Swift, Python, Ruby on Rails, Docker and Kubernetes.
- Processes: Built CI/CD (Jenkins, TeamCity), Agile/Scrum, Process Improvement
- Fintech/Banking: Expertiese of Personal Banking Group, KYC, Anti-Money Laundering, ODD, Payment Systems, PCI DSS Compliance, Security and Compliance
- Collaboration: Good at Cross-Functional Teamwork, Stakeholder Communication
- Certifications: Acquired various Digital Leadership in Business, IT, Deeplearning AI certification

Experience

Dec 2024

Crafted
Co-Founder
Dubai
[🌐 https://we-crafted.com](https://we-crafted.com)
Co-Founder & Engineering Lead Crafted, Dubai, United Arab Emirates December 2024 - Present

- Lead engineering team in developing AI-driven frameworks and agents using Azure OpenAI, Python, CrewAI, Redis Vector Storage, and React UI, delivering scalable solutions for business transformation.
- Manage project budgets, timelines, and resources, ensuring on-time delivery of applications like AgentCraft and Let's Talk AI Tutor.
- Implement agile processes and mentor engineers to adopt emerging AI technologies, fostering a culture of innovation.
- Collaborate with cross-functional stakeholders to align on project goals, driving competitive advantage through machine learning solutions.

May 2022

CBD
Team Leader
Dubai
[🌐 https://cbd.ae](https://cbd.ae)
Team Leader, Applications Commercial Bank of Dubai, Dubai, United Arab Emirates May 2022 - Present

- Manage a team of developers and testers to deliver mobile and web applications for Personal Banking Group, achieving 100% on-time delivery for CBD Instant Digital Banking apps on iOS, Android, and Huawei platforms.
- Develop and enforce engineering best practices, improving productivity by 30% through optimized CI/CD processes using Jenkins and TeamCity.
- Oversee project budgets and resource allocation, ensuring cost efficiency and compliance with KYC and Anti-Money Laundering standards.
- Mitigate project risks through collaboration with IT, Audit, Security, and Risk teams, providing regular status updates to stakeholders.

Azərbaycan Beynəlxalq Bank
Chapter Lead
Azerbaijan
[🌐 https://abb.az](https://abb.az)
Mobile Chapter Lead Azerbaijan Beynəlxalq Bankı, Baku, Azerbaijan June 2020 - May 2022

- Led iOS developer squads across Azerbaijan, Turkey, and Ukraine, improving mobile banking app stability to a 99.8% crash-free ratio (from 60%) in three months.
- Implemented CI/CD pipelines, coding standards, and agile processes, increasing unit test code coverage from 0% to 76% in six months.
- Managed project timelines and resources, aligning with business objectives while mentoring engineers to enhance technical skills.
- Facilitated cross-functional collaboration with product managers and stakeholders, ensuring transparent communication and agile delivery.

Turkcell
Expert Mobile Consultant
Turkey
[🌐 https://turkcell.com.tr](https://turkcell.com.tr)
Senior iOS Developer Multiple Organizations (ING Bank, Global Kapital Group, Dreams&Bytes), Turkey 2015 - 2017

- Built iOS applications with Swift, integrating payment systems, real-time messaging, and fraud prevention APIs.
- Mentored junior developers and implemented agile processes, reducing project delivery timelines by 25%.
- Utilized TeamCity and Jenkins for CI/CD, ensuring scalable, high-quality deployments.

eBay
Senior iOS Developer
Turkey
[🌐 https://ebay.com](https://ebay.com)
Senior iOS Developer eBay/Gittigidiyor, Istanbul, Turkey May 2017 - December 2019

- Developed iOS applications using Swift and Objective-C, implementing payment gateways and messaging architectures with MVVM and SOA patterns.
- Led agile transformation initiatives, adopting Scrum practices and organizing tech talks to improve team efficiency.
- Managed CI/CD processes using Jenkins, Docker, and Kubernetes, ensuring robust deployment of e-commerce features.

2015 **INGBank**
iOS Developer
Istanbul
[🌐 http://ingbank.com.tr](http://ingbank.com.tr)
Senior iOS Developer (ING Bank), Turkey 2015 - 2017

- Built iOS applications with Swift, integrating payment systems, real-time messaging, and fraud prevention APIs.
- Mentored junior developers and implemented agile processes, reducing project delivery timelines by 25%.
- Utilized TeamCity and Jenkins for CI/CD, ensuring scalable, high-quality deployments.

Projects

Crafted
[🌐 https://we-crafted.com](https://we-crafted.com)
Crafted is a cutting-edge AI oriented company that builds AI Agent products for let you focus on transforming your business through advanced machine learning and data analytics.
Crafted, AI, Agent, python

AgentCraft
AgentCraft
AgentCraft is partner product of Crafted(im). It is AI Agent framework allows you to deploy intelligent agents that understand, learn, and evolve with your business needs. Premade and custom AI agents for your work, business or company provides enterprise-ready, secure and scalable solutions.
Built using Python, CrewAI, Vercel SDK, React.
[Visit: https://agent-craft.vercel.app](https://agent-craft.vercel.app)
Python, Backend, AI, Vercel, React

Let's Talk AI Tutor
Appl
[🌐 https://www.letstalk-ai.com](https://www.letstalk-ai.com)
Let'sTalk is personal learning AI assistant. Build using Swift UI, Flutter and React.
[Visit letstalk-ai.com](http://letstalk-ai.com)
Let'sTalk, AI, Agent

Portfolia
Portfolia
Portfolia Asset Tracking simplifies managing your financial assets with real-time multi-currency valuations. Easily add, edit, and track your holdings with a clean, intuitive interface designed for clarity and security. Stay informed and in control of your portfolio anytime, anywhere.
Built using Swift/MacOSX
[Visit: https://apps.apple.com/us/app/portfolia-asset-tracking/id6746147212](https://apps.apple.com/us/app/portfolia-asset-tracking/id6746147212)
iOS, Swift, MacOSX

TapKeys
Apple
Tap into Satisfying Keystrokes. Transform your everyday typing into a delightful and immersive experience with Tap, the ultimate keyboard sound enhancer for your Mac. Whether you're writing, coding, or simply chatting, Tap brings a new level of satisfaction to every keystroke.
Built using Swift UI / MacOSX
[Visit: https://apps.apple.com/tr/app/tapkeys/id6739791188?mt=12](https://apps.apple.com/tr/app/tapkeys/id6739791188?mt=12)
Tap, Apple, SwiftUI

Focusa
Apple
Focusa is a powerful productivity app designed to help you stay focused and achieve more in less time.
Built using Swift UI / MacOSX
[Visit: https://apps.apple.com/tr/app/focusa/id6739791243?mt=12](https://apps.apple.com/tr/app/focusa/id6739791243?mt=12)
Focusa, Apple, Swift, MacOSX

BagClip
Apple
Bag is a powerful and intuitive clipboard manager designed exclusively for macOS. It elevates your productivity by seamlessly managing and organizing your clipboard history.
Built using Swift UI / MacOSX
[Visit: https://apps.apple.com/tr/app/bagclip/id6739791315?mt=12](https://apps.apple.com/tr/app/bagclip/id6739791315?mt=12)
Bag, Apple, MacOSX

Pomidora
Pomidor is a beautifully designed focus and productivity timer inspired by the Pomodoro Technique. With its charming tomato-themed interface, Pomidor helps users manage their work and break intervals effectively to maintain productivity and prevent burnout.
Built with iOS/Swift/MacOSX
[Visit: https://apps.apple.com/us/app/pomidora/id6739791386](https://apps.apple.com/us/app/pomidora/id6739791386)
iOS, MacOSX

Noty
Apple
Capture your thoughts, track your moods, and express creativity with our intuitive interface. Noty is more than just a drawing app it's a creative companion that helps you stay connected to your thoughts and emotions. Whether you're an artist, a journal enthusiast, or someone looking to explore their creative side, Noty empowers you to express yourself freely and meaningfully.
Built using Swift UI / MacOSX
[Visit: https://apps.apple.com/tr/app/notydraw/id6739815978](https://apps.apple.com/tr/app/notydraw/id6739815978)
Noty, Apple, Swift

Commercial Bank of Dubai
CBD | Top-Rated UAE Bank - Personal & Business Banking
[🌐 https://cbd.ae](https://cbd.ae)

- Manage a team of developers and testers to deliver mobile and web applications for Personal Banking Group, achieving 100% on-time delivery for CBD Instant Digital Banking apps on iOS, Android, and Huawei platforms.
- Develop and enforce engineering best practices, improving productivity by 30% through optimized CI/CD processes using Jenkins and TeamCity.
- Oversee project budgets and resource allocation, ensuring cost efficiency and compliance with KYC and Anti-Money Laundering standards.
- Mitigate project risks through collaboration with IT, Audit, Security, and Risk teams, providing regular status updates to stakeholders.
- Mentor team members through performance evaluations and feedback, enhancing technical expertise in Swift and Objective-C.

[Visit: cbd.ae](#)
iOS, Swift, Flutter, Backend, Java

ABBMobile
ABBMobile
[🌐 https://abb.az](https://abb.az)

- Led iOS developer squads across Azerbaijan, Turkey, and Ukraine, improving mobile banking app stability to a 99.8% crash-free ratio (from 60%) in three months.
- Implemented CI/CD pipelines, coding standards, and agile processes, increasing unit test code coverage from 0% to 76% in six months.
- Managed project timelines and resources, aligning with business objectives while mentoring engineers to enhance technical skills.
- Facilitated cross-functional collaboration with product managers and stakeholders, ensuring transparent communication and agile delivery.

[Visit: abb.az](#)
iOS, Android, Kotlin, Swift

Turkcell TV+
Turkcell TV+
[🌐 https://turkcell.com.tr](https://turkcell.com.tr)
Türkcell İletişim Hizmetleri A.Ş. (İT. Turkcell Communication Services) (BIST: TCELL, NYSE: TKC) is the leading mobile phone operator of Turkey [1] based in Istanbul. I built TVOS and iOS applications in IT Mobile Team
[Visit: turkcell.com.tr](http://turkcell.com.tr)
iOS, TVOS, Swift

GittiGidiyor
GittiGidiyor
[🌐 https://ebay.com](https://ebay.com)
Founded in 2001, **GittiGidiyor** was a shopping website in Turkey, owned by **eBay**. Its competitors were **Hepsiburada**, **Trendyol** and **N11**.
Built mobile app of eBay/Gittigidiyor marketplace using Swift
[Visit: ebay.com](http://ebay.com)
iOS, Swift

INGMobile
[🌐 http://ingbank.com.tr](http://ingbank.com.tr)
INGMobile mobile banking application for the ING Bank Holland/Istanbul Office.
Built mobile app of **INGMobile** mobile banking app.
[Visit: ingbank.com.tr](http://ingbank.com.tr)
INGBank, iOS, Swift

Skills

Engineering Leadership
Engineering Management: Team Leadership, Performance Evaluations, Mentorship
engineering management

Project Management
Project Management: Budget Management, Resource Allocation, Timeline Management
project management

Technical Skills
Technical Skills: Swift, Python, Ruby on Rails, Azure OpenAI, AWS, Redis, Docker, Kubernetes

Frontend
Mobile
iOS, Flutter, Android, React

Backend
Backend
Python, Ruby On Rails

Cloud & Infrastructure
Cloud & Infrastructure
Azure Devops, Azure Cloud, Azure CI Pipeline, Jenkins, TeamCity

Agile
Agile Practices
Agile, Scrum, PM

Processes
Processes: CI/CD (Jenkins, TeamCity), Agile/Scrum, Process Improvement

Fintech
Fintech: KYC, Anti-Money Laundering, Payment Systems, PCI DSS Compliance

Certifications
Certifications: Digital Leadership in Business, Managing Employee Performance Problems

References

Balasubramani Perumalsamy
Manager from CBD
[🌐 https://cbd.ae](https://cbd.ae)
October 13, 2024, Balasubramani was senior to Seyhun but didn't manage directly.
"Seyhun Akyurek has distinguished himself as a digital channels techno functional expert at Commercial Bank of Dubai. He has proven track record for consistently emphasizing efficiency, precision, and professionalism. His efforts in optimizing processes have resulted in notable enhancements in team performance and operational excellence.

Seyhun is a dedicated and diligent team member, recognized for his good communication skills and ability to cultivate a collaborative work environment. His proactive problem-solving approach has been crucial in accomplishing team objectives.

I strongly endorse Seyhun for delivery leadership and technical role. He would be a valuable asset to any organization."

Loris Vicario
Manager
[🌐 https://cbd.ae](https://cbd.ae)
October 13, 2024, Loris managed Seyhun directly.
"I had the pleasure of working with Seyhun Akyurek during his tenure as a Team Leader at the Commercial Bank of Dubai, where he consistently demonstrated a strong commitment to excellence, efficiency, and leadership. His ability to streamline processes and drive operational improvements led to notable gains in team performance and overall productivity.

Seyhun is not only a diligent and dedicated leader but also excels in fostering a collaborative and inclusive team culture. His clear communication and proactive problem-solving skills were crucial in overcoming challenges and ensuring that the team met and exceeded its goals.

I wholeheartedly recommend Seyhun for any leadership position. His professionalism, strategic mindset, and focus on continuous improvement make him a tremendous asset to any organization."

Bruno Genova
CBD
[🌐 https://cbd.ae](https://cbd.ae)
October 13, 2024, Bruno Genova managed Seyhun directly.

Mustafa Basarir
Azerbaijan International Bank
[🌐 http://abb.az](http://abb.az)
Will be provided upon contact

Certifications

Foundations of Prompt Engineering
Amazon
<https://explore.skillbuilder.aws/learn/course/17763/foundations-of-prompt-engineering>

Building Generative AI Applications Using Amazon Bedrock
Amazon
Building Generative AI Applications Using Amazon Bedrock

Financial Markets
Great Learning
<https://olympos.mygreatlearning.com/courses/66589/certificate>

Combating Terrorism Financing by Basel Institute on Governance
Basel
Combating Terrorism Financing by Basel Institute on Governance

Combating Terrorism Financing by Basel Institute on Governance
Basel Institute on Governance
Combating Terrorism Financing by Basel Institute on Governance

Operational Analysis of Suspicious Transaction Reports by Basel Institute on Governance
Basel Institute on Governance
<https://learn.baselgovernance.org/user/view.php?id=91051&course=3>

AI & Agility: A Comprehensive Introduction
Scrum Alliance
<https://bcert.me/suffrolfr>

Academy Accreditation - Generative AI Fundamentals
DataBricks
[Academy Accreditation - Generative AI Fundamentals](#)

Retrieval Augmented Generation for Production with LangChain & LlamaIndex
ActiveLoop
<https://learn.activeloop.ai/certificates/smg98ljaga>

Awards

Oct 2024

Accenture North America Coding: Development & Advanced Engineering
Accenture
[🌐 https://www.theforage.com/achievements](https://www.theforage.com/achievements)

- Overwhelmed a job simulation where I supported a client with a small development team overwhelmed by the growth of their code base.
- Wrote a class to perform search on an interactive website in Java using the Spring Boot framework.
- Set up automated builds using Jenkins to validate code changes on every push.
- Managed the team's workload by preparing for a sprint and writing user stories in an Agile planning session.

June 2024

Accenture Nordics Consultant Job Simulation on Forage
Forage
[🌐 https://www.theforage.com/achievements](https://www.theforage.com/achievements)

- Completed a client brief and identified the most crucial priorities for the project.
- Analyzed varied data sources to make decisions about UX changes.
- Managed a project issue with the client and helped to prioritize long term initiatives.

September 2024

JPMorgan Chase & Co. Agile Job Simulation on Forage
Forage
[🌐 https://www.theforage.com/achievements](https://www.theforage.com/achievements)

- Drafted eight user stories using Trello and prioritized them by estimating the relative level of effort required
- Ran the Scrum team's daily standup to effectively plan the day and energize the team members
- Conducted a sprint review to gather feedback on the Scrum's work and a sprint retrospective to align on opportunities for improvement in future sprints

September 2024

Walmart USA Advanced Software Engineering Virtual Experience Program on Forage
Forage
[🌐 https://www.theforage.com/achievements](https://www.theforage.com/achievements)

- Completed the Advanced Software Engineering Job Simulation where I solved difficult technical projects for a variety of teams at Walmart.
- Developed a novel version of a heap data structure in Java for Walmart's shipping department, showcasing strong problem-solving and algorithmic skills.
- Designed a UML class diagram for a data processor, considering different operating modes and database connections.
- Created an entity relationship diagram to design a new database accounting for all requirements provided by Walmart's pet department.

July 2025

Citi ICG Technology Software Development Job Simulation on Forage
Forage
[🌐 https://www.theforage.com/achievements](https://www.theforage.com/achievements)

- Completed a job simulation involving hypothetical tasks to improve Citi's loan management system and stock market risk reporting
- Created a state diagram of the loan management process using the Unified Modeling Language (UML)
- Researched potential machine learning systems to assess credit risk and provided recommendations for next steps
- Used Java to build an internal tool visualizing stock market risk in real time

Education

University of the People
CS
CS
[🌐 https://uop.edu](https://uop.edu)

Harvard University
CS
CS
[🌐 https://harvard.edu](https://harvard.edu)

Ankara Kirikkale University
Electronics
Electronics

Languages

English
English

Turkish
Turkish

Azerbaijani
Azerbaijani

Publications

250 Practical Ideas to Revolutionize Your Daily Life using Manus 📖
Amazon
A comprehensive guide filled with actionable, AI-driven strategies designed to boost your productivity, creativity, and personal growth using Manus with 250 ideas.

Modern Fintech & Banking Transformation 📖
Amazon
This book offers a definitive guide for professionals, innovators, and institutions navigating the rapidly evolving landscape of fintech and modern banking. With financial services undergoing unprecedented digital disruption, the book provides a holistic framework to build resilient, compliant, customer-centric, and future-ready financial institutions.

AI For Fintech with Crafted AI Framework 📖
Amazon
Welcome to this playbook on deploying and scaling AI systems in fintech. My name is Seyhun Akyurek, and with over two decades of experience in software development and the fintech industry.

Mastering Financial APIs: Building Advanced Trading Systems and Integrating Modern Banking Solutions Kindle Edition 📖
Amazon
This book, "Mastering Financial APIs," provides a comprehensive guide to building and integrating advanced financial systems using APIs. It covers a wide range of topics, from understanding different API types and standards to implementing stock trading systems, algorithmic trading strategies, options trading integration, and building brokerage services.

The Manager's Code: Crafting Cultures of Engineering Excellence Kindle Edition 📖
Amazon
This is the book basis from my past experience of crafting software and engineering with the proven excellence of project which I work. I like to express my knowledge for my readers to discover how to lead high-performing software teams, foster creativity, and balance technical innovation with sustainable practices can be implemented in daily life.

Interests

Volunteering
Volunteering for book reviews for publishers

Blogging
Blogging on Medium and Dev.to

