

Ahmed Barakat

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Summary

Dedicated fourth-year Information Technology student with a solid foundation in computer science fundamentals, and competitive programmer with very good problem-solving skills. A strong communicator with a collaborative mindset, I bring a passion for technology and a commitment to excellence in every endeavor.

Education

Minia University

Bachelor of Computer Science and Informatics

Minia, Egypt

September 2021 — July 2025

Volunteer Experience

ICPC Minya Community

Instructor and problem setter

- Instructor of advanced topics in algorithms, data structures, math and number theories
- Problem Setter and Judge in algorithms, data structures and mathematics programming contests

Projects

NoteIt

NodeJS - MongoDB

- Developed a note-taking application using **Node.js** and **MongoDB** for seamless note management
- Implemented features for **creating**, **editing**, and **deleting** notes with a user-friendly interface
- Showcased expertise in full-stack development, integrating **back-end** services with a responsive **front-end**
- The source code is readily available on GitHub at [GitHub - Barkaaat/notelt](https://github.com/Barkaaat/notelt)

Login & Sign-Up

Kotlin - SQLite

- Developed an Android application with **Kotlin** for user authentication, incorporating **login** and **sign-up** functionalities
- Utilized **SQLite** for secure data storage and management
- Demonstrated proficiency in Android development and database integration
- The source code is readily available on GitHub at [GitHub - Barkaaat/Login-SignUp-Android-app](https://github.com/Barkaaat/Login-SignUp-Android-app)

Skills

Languages	C++, C#, JavaScript, HTML, SQL
Frameworks	Node JS
Operating Systems	Windows, Linux, Mac
Tools	GitHub
Technical Skills	Problem-Solving, Competitive Programming, Data Structure, Algorithms, OOP
Soft Skills	Communication, Collaboration, Adaptability, Time management, Flexibility

Competitive Programming

- Participate in **Egyptian Collegiate Programming Contest** Final 2024
- Participate three times in ECPC Qualifications
- Reach Expert in **Codeforces**, Guardian in **LeetCode**, and some Certifications in **HackerRank**
- Solve over 3000 problems spanning diverse topics in different online judges

Languages

Arabic — Native

English — Advanced