



Amal Dubey

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Profile

B.Tech Computer Science student and SDE Trainee at Deloitte with experience in full-stack development, data engineering, and GenAI. Skilled in Java, Python, MERN stack, and Spring Boot, with hands-on work in LangChain, LangGraph, and LangSmith. Passionate about scalable systems, AI-driven solutions, and software quality.

Education

Bachelor of Technology, *Pranveer Singh Institute of Technology*
CGPA- 7.42

2021 – 2025
Kanpur, India

Professional Experience

SDE Trainee, *Hashedin By Deloitte*

08/2025 – 10/2025

Trained across diverse technologies during a structured internship bootcamp:

Gurgaon, Haryana

- **Java Spring Boot** – built sample REST APIs with database integration.
- **Angular** – implemented UI components for dashboards.
- **Python + GenAI** – prototyped conversational AI tools using LangChain and AutoGen.
- **Data Engineering** – developed ETL pipelines with PySpark, SQL, Apache Kafka, and Databricks.

Skills

Programming Languages

Python, Java, JavaScript, TypeScript

Frameworks & Libraries

NestJs, FastAPI, Express.js, Angular, React.js, MERN stack, Pytest, Springboot, Spring

Data Engineering

PySpark, Apache Kafka, Databricks, Redis

Tools

Azure Cloud, GitHub, Docker, MySQL, MongoDB

GenAI & AI Tools

Langchain, Langsmith, Autogen, FAISS, LangGraph, HuggingFace, Chatgpt, Copilot

Miscellaneous

Communication, Teamwork, Problem Solving

Projects

Virtual Restaurant Marketplace,

React.js, HTML, CSS, JavaScript, Chakra UI, DialogFlow, MongoDB, Node.js, Express.js, JWT

- User Authentication: Secure login using JWT and bcrypt.
- Payment Integration: Secure payments with popular gateways.
- Chatbot: Developed an AI-powered chatbot using DialogFlow, NLP, and Firebase.
- Health-Based Recommendations: Suggests meals based on health and dietary preferences.

Mentor Mingle - Mentorship Platform, *FastAPI, Angular, Swagger, JWT, MySQL, SQL alchemy, Pytest, Logger.*

- Built a full-stack mentorship platform during internship with **role-based access (Coach/Coachee)**, session publishing, enrollment, and notifications.
- Implemented **JWT authentication**, protected routes with Angular **AuthGuard & Interceptors**, and designed RESTful APIs using FastAPI & MySQL.
- Added features like **coach discovery, session management, search/filter, and progress tracking**, with Swagger documentation and unit tests for reliability.

Achievements

Secured 2nd place in AAVAHAN 2.0 by presenting a compelling business model and prototype, demonstrating strong collaborative and entrepreneurial skills.

400+ Problems Solved on LeetCode

CodeChef 2 stars

Hackerrank 6 stars in problem solving.