

Aditi Krishna

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GitHub: github.com/aditik-20 | LeetCode: leetcode.com/u/aditiks-28 | Portfolio: akrishna.vercel.app

Professional Summary

Computer Science undergraduate with a strong interest in Software Engineering and building impactful technology solutions. Proven ability to translate ideas into functional applications through hands-on software development projects, collaborative learning, and practical problem-solving. Passionate about writing clean, maintainable code, solving challenging problems, and contributing to high-performing engineering teams.

Technical Skills

- **Programming Languages:** Java, Python, SQL, JavaScript
- **Databases:** MySQL, PostgreSQL
- **Libraries:** NumPy, Pandas
- **Core Computer Science:** Data Structures, Algorithms, Object-Oriented Programming (OOP), Database Management Systems (DBMS), Operating Systems
- **Developer Tools:** Git, GitHub, VS Code, Microsoft Excel

Experience

Summer Research Intern *Coding Blocks School of Technology*

May 2025 – Jul 2025

- Worked on **Customer Churn Prediction** and **AI Research for Intelligent Systems** as part of the Summer Internship Program at Coding Blocks School of Technology.
- Utilized Python, NumPy, and Pandas for data preprocessing, exploratory data analysis (EDA), feature engineering, and machine learning workflows.
- Collaborated with mentors to deliver AI-based solutions and technical documentation.

Projects

Messlytics

Node.js, Express.js, MySQL GitHub

- Engineered a hostel mess management platform to streamline meal scheduling, attendance tracking, and administrative operations.
- Designed a normalized relational database comprising 15+ interconnected tables with primary keys, foreign keys, and integrity constraints.
- Architected RESTful APIs for user management, meal booking, attendance recording, and administrative functionalities.
- Leveraged SQL Views, Stored Procedures, and Triggers to automate backend workflows and reduce manual intervention.
- Optimized complex SQL queries to generate food consumption analytics and wastage reports with improved database performance.
- Implemented secure CRUD operations and modular backend components following scalable software engineering practices.

FinPilot

Java, JDBC, MySQL GitHub

- Created a banking management application enabling secure account management and financial transactions.
- Incorporated authentication, account creation, deposits, withdrawals, balance enquiry, and transaction history modules.
- Connected Java applications with MySQL using JDBC for reliable database communication and CRUD operations.
- Employed Object-Oriented Programming principles to ensure modularity, code reusability, and maintainability.
- Applied exception handling techniques to improve application reliability and error management.
- Structured the backend architecture to support scalable and maintainable banking operations.

EvaloraAI

Python, Flask, Large Language Models (LLMs) GitHub

- Engineered an AI-powered resume evaluation platform using Flask and Large Language Models (LLMs).
- Constructed RESTful APIs to process resumes and generate AI-based evaluations efficiently.
- Integrated LLM-powered scoring to assess resumes against job-specific requirements and provide structured recommendations.
- Automated resume analysis workflows to deliver personalized feedback with minimal manual effort.
- Established a scalable backend architecture capable of handling AI-driven resume assessment requests.
- Enhanced evaluation accuracy by combining prompt engineering techniques with backend processing pipelines.

Education

SRM Institute of Science and Technology

2024 – 2028

Bachelor of Technology in Computer Science and Engineering

CGPA: 10.0/10.0

Relevant Coursework: OOP, DBMS, Operating Systems, Computer Networks, Software Engineering, Data Structures

Achievements & Certifications

- BNY Spectrum Certified – Successfully completed the BNY Joint Certification Program.
- Top Achiever Award – First Year, B.Tech Computer Science and Engineering.
- NPTEL: Programming in Java — Database Management Systems — Object-Oriented Programming.