ADITI KULKARNI

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OBJECTIVE

Passionate MERN stack developer targeting SDE and Database Administrator roles. Experienced in full-stack development and AI integration, with a 4-month internship at Souloxy building CrewAI-based systems.

EDUCATION

BE | Computer Science and Engineering | 9.65 GPA   **Bengaluru, India**
NMIT, Visvesvaraya Technology University   Nov 2022 -June 2026
Class XII | PCMB | 100 %   **Bengaluru, India**
RV PU College   Apr 2020 – June 2021
Class X | 99.68 %   **Siddhapura, India**
Government High School   Apr 2018 – June 2019

SKILLS

- Languages: Java, C, JavaScript, HTML/CSS, Python (Basics)
- Frameworks: React.js, Tailwind
- Database: MySQL, MongoDB
- Developer Tools: Git/GitHub, Postman, Figma
- Course work: OOPs, DBMS, Operating System, Computer Networks, Cloud computing (Basics)

WORK HISTORY

Souloxy | Generative AI and Full Stack Development Intern   March 2025 – June 2025

Contributed to a CrewAI-powered mental health support system by building multi-agent pipelines that cut API latency by 30%.

Designed and optimized the PostgreSQL database architecture to improve performance and built a Calendly-like appointment booking system with full scheduling and availability management.

PROJECT EXPERIENCE

Wanderlust Website - Property Rental Website | Node.js, MongoDB, EJS, Cloudinary, Render
- Created a comprehensive website for property listings using Node.js with Express and MongoDB following the MVC architecture.
- Implemented user authentication, geolocation services, and CRUD operations for efficient property management.
- Used Cloudinary for image storage and Render for cloud deployment.

E-Gram Panchayat - Digital Governance System | Node.js, MongoDB, EJS
- Developed a digital E-Gram Panchayat system to streamline local governance processes and services.
- Integrated user authentication, role-based access control (citizens & admins), and service request management.

Graph Visualization Project | JavaScript, HTML, CSS, Canvas
- Developed an interactive graph visualization tool where users can generate graphs, select source nodes, and customize edge weights.
- Implemented shortest path algorithms (Dijkstra's, Bellman-Ford, Floyd-Warshall) to calculate the most efficient routes.
- Enabled features such as node dragging, dynamic edge weight adjustment, and real-time result visualization with theoretical time complexity.

CERTIFICATIONS

- [Java Foundation Certification](#)
- [Database Management System Part-1](#)
- [Agile Scrum in Practice](#)

EXTRA CURRICULAR

- Hindustani Classical Singer, Bharatanatyam Dancer
- State-level Chess Player
- Active NSS Member (since 2021) and Isha Foundation Volunteer with a focus on *spirituality and service*.