ADITI KULKARNI

📞 9591379633 | 📍 Bengaluru, Karnataka

📧 Email: aditigem2003@gmail.com 🌐 GitHub: github.com/aditics017 🔗 LinkedIn: linkedin.com/in/aditi-kulkarni-45a9381b7

SUMMARY OF QUALIFICATIONS

Passionate MERN stack developer aiming for **SDE and Database Administrator roles**, with hands-on experience in full-stack development. Completed a **3-month internship at Souloxy**, contributing to **CrewAI-based multi-agent systems** and scalable applications. Skilled in **Node.js, SQL, MongoDB**, and **AI integration**, with strengths in **API design**, **modular backend systems**, and **responsive UI development** focused on user-centric, sustainable solutions.

EDUCATION

Nitte Meenakshi Institute of Technology, Bengaluru

Bachelor of Engineering in Computer Science – Expected Graduation: 2026	Current **CGPA: 9.65**
RV PU College, Bengaluru	Class XII **CGPA: 10**
Government High School, Siddhapura	Class X Aggregate: **99.68%**

TECHNICAL SKILLS

- **Languages: JavaScript, C, Java, SQL, Scala**
- **Frameworks: Node.js, Express, React.js, MongoDB, PostgreSQL, Hadoop, Apache Spark**
- **Tools: Git and GitHub, Mapbox, Figma, Render, Cloudinary**
- **Web: HTML, CSS, RESTful APIs**
- **AI/Other: CrewAI**

WORK EXPERIENCE

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

▪ Contributing to the development of a **CrewAI-powered** mental health support system using **LLMs**.
▪ Building **multi-agent orchestration** pipelines, integrating **APIs** for dynamic user input and real-time emotional response - cutting API latency by 30%
▪ Designed and optimized relational database architecture using **PostgreSQL (Neon)**, implementing indexing strategies, query optimization, and schema normalization to improve performance.
▪ Built and managed **appointment booking flows** with Calendly-like features including **scheduling, rescheduling, slot availability checks, and buffer handling.**

PROJECT EXPERIENCE

Wanderlust Website - Property Rental Website | LINK

Personal Project

- 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.

E-Gram Panchayat - Digital Governance System | LINK

Stack: Node.js, Express, 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.
- Designed a responsive interface for easy accessibility and efficient service tracking.

Graph Visualization Project | LINK

Stack: JavaScript, HTML, 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.**

Personal Portfolio Website | LINK

Technologies: HTML, CSS, JavaScript, Cloudinary

Created a sleek and modern personal portfolio website to highlight my skills and service featuring:

- **Responsive Layout:** Ensures an optimal browsing experience on all devices.

CERTIFICATIONS

- **Java Foundation Certification - Infosys Springboard** | LINK
- **Database Management System Part-1 - Infosys Springboard** | LINK
- **Explore Machine Learning using Python - Infosys Springboard** | LINK
- **Internet of Things 201 - Infosys Springboard** | LINK
- **Agile Scrum in Practice - Infosys Springboard** | LINK
- **Operating Systems Basics - Cisco Networking Academy** | LINK

EXTRA CURRICULAR

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