

# ADITI KULKARNI

📧 [aditigem2003@gmail.com](mailto:aditigem2003@gmail.com) | 🌐 [github.com/aditics017](https://github.com/aditics017) | 🔗 [linkedin.com/in/aditi-kulkarni-45a9381b7](https://www.linkedin.com/in/aditi-kulkarni-45a9381b7) | ☎️ 9591379633 | 📍 Bengaluru, Karnataka

## SUMMARY OF QUALIFICATIONS

Passionate **MERN stack developer** with hands-on experience in **full-stack** web development, **currently interning** at Souloxy (2 months) where I work on **CrewAI-based multi-agent systems** and scalable full-stack applications. Skilled in **Node.js, Express, MongoDB, and React.js**, with added expertise in **AI integration, API design, and modular backend systems**. Strong foundation in problem-solving, **responsive UI** development, and building **sustainable, user-centric** applications

## EDUCATION

**Nitte Meenakshi Institute of Technology, Bengaluru**

Bachelor of Engineering in Computer Science – Pre-Graduate(6<sup>th</sup> Semester)

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
- **Frameworks:** Node.js, Express, React.js, MongoDB, PostgreSQL
- **Tools:** Git and GitHub, Mapbox, Figma, Render, Cloudinary
- **Web:** HTML, CSS, RESTful APIs
- **AI/Other:** CrewAI, LangChain, OpenAI GPT-3.5&4, dotenv

## WORK EXPERIENCE

**Generative AI and Full Stack Development Intern – Souloxy**

*March 2025 – Present (2 months)*

- 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.
- Designed and optimized backend architecture using **Node.js** and **Express** with **PostgreSQL (Neon)**.
- Enhanced frontend **responsiveness and UX** using **React.js** and **Tailwind**.
- Built and managed **appointment booking flows** with Calendly-like features including **scheduling, rescheduling, slot availability checks, buffer handling, and automated email notifications**.

## PROJECT EXPERIENCE

**Wanderlust Website - Property Rental Website**

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**

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**

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**

**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.

## EXTRA CURRICULAR

- Hindustani Classical Singer, Classical Bhartnatyam Dancer,
- State-level Chess Player,
- Active NSS member from 2021, Active Volunteer at Isha Foundation, with a focus on spirituality and service.