

ADITI KULKARNI

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SUMMARY OF QUALIFICATIONS

Passionate **MERN stack developer** with expertise in **full-stack web development**, specializing in **Node.js, Express, MongoDB**, and **React.js**. Skilled in **problem-solving, API integrations**, and building **mobile-friendly, user-centric web applications**. Focused on creating innovative solutions with an emphasis on **sustainability** and **user experience**.

EDUCATION

Nitte Meenakshi Institute of Technology, Bengaluru

Bachelor of Engineering in Computer Science – Pre-Graduate(6th Semester)

Current **CGPA : 9.62**

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
- **Tools:** Git and GitHub, Mapbox, Figma
- **Web:** HTML, CSS, RESTful APIs

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

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.

Spotify Frontend Clone

Technologies: HTML, CSS, JavaScript, Flexbox

Built a responsive music player app mimicking Spotify's frontend, featuring:

- **Responsive Layout:** Adapted for mobile and desktop views using Flexbox and media queries.
- **Dark Theme & Sticky Navigation:** Designed with a modern black theme and sticky navigation for better UX.
- **Interactive Controls:** Implemented custom play/pause controls and progress bar functionality.

Responsive Sidebar Menu – CSS mini project

- Created a responsive sidebar menu with toggle functionality using HTML, CSS, and Font Awesome.
- Implemented a mobile-friendly design that allows users to open and close the sidebar on smaller screens.

EXTRA CURRICULAR

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