

VAJJALA UMA VENKATA ABHIRAM SHARMA

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[Linkedin](#)

[GitHub](#)

[Portfolio](#)

FULL STACK WEB DEVELOPER

As a Full Stack Web Developer, I am proficient in both front-end and back-end development. I specialize in creating user-friendly interfaces using HTML, CSS, and JavaScript frameworks while managing server-side logic with languages such as Node.js. My expertise extends to working with databases like MySQL and MongoDB to effectively store and manage data.

STRENGTHS AND EXPERTISE

Problem-Solving & Debugging
API Development & Integration
Version Control (Git)

Front-end Development
Back-end Development
Database Management

Responsive Design
Collaboration & Communication
Team leadership

PROFESSIONAL EXPERIENCE

Technical Hub.pvt, Surampalem

Jun 2024 - Present

Full Stack Development with React Native Summer Intern

As a Full Stack Web Development intern, I built responsive web apps using HTML, CSS, JavaScript, and React. I gained experience in both front-end and back-end development, integrating databases and server-side logic. I also explored mobile app development with React Native, adapting web concepts for mobile platforms.

Accomplishments:

- Developed and deployed responsive web applications, improving user experience and performance.
- Gained hands-on experience in both front-end and back-end integration, enhancing full-stack development skills.
- Explored mobile app development with React Native, adapting web technologies for cross-platform functionality.
- Collaborated with senior developers, learning industry best practices and contributing to project success.

PROJECTS

LateComers Notification System

The Latecomers Notification System automates alerts for parents and the Head of Department (HOD) about student late arrivals. It sends daily notifications to parents and detailed reports to the HOD. The system also includes a visitor pass feature with barcode registration for secure entry tracking in the college and hostel, improving attendance management and campus security.

Technologies used:

- Frontend:
 - React: Ensures dynamic, responsive, and interactive UI.
 - Bootstrap/Tailwind CSS: Enhances visual appeal and responsiveness across devices.
- Backend:
 - Node.js: Handles server-side logic, API requests, and data processing.
 - Express.js: A minimalist framework for scalable web server and routing.
 - MongoDB: NoSQL database for efficient management of user data and content.
- Authentication:
 - JWT (JSON Web Tokens): Secure authentication with session management and data protection.

Recipe Finder

A Recipe Finder is a web app that helps users discover recipes based on available ingredients or cuisines. By entering ingredients, users receive recipe suggestions with cooking instructions and video tutorials. It includes filters for allergies, meal types, and cooking time, making meal planning easier and reducing food waste.

Technologies used:

- Frontend:
HTML/CSS: Structuring and styling the web pages for a responsive, user-friendly interface. JavaScript: Enabling interactive features and dynamic content for a seamless user experience.
- API Integration:
YouTube API: Integrates cooking tutorial videos, allowing users to follow along with recipe steps.

AcademiaUpload

AcademiaUpload is a web-based platform designed to manage and organize department-specific PDFs and regulations within an educational institution. This system allows departments to upload, categorize, and share important documents such as syllabi, policies, regulations, and other essential resources in a streamlined manner.

Technologies used:

- Frontend:
React: Dynamic, responsive UI with admin login for document upload.
- Backend:
Node.js: Handles server-side logic and API requests, integrating with Google Drive API for PDF storage.
Express.js: Manages HTTP requests, routing, and frontend serving. MongoDB: Stores admin credentials and metadata.
Google Drive API: Manages PDF uploads and storage.
- Authentication:
JWT (JSON Web Tokens): Secure admin login and session management.

CERTIFICATES

- IT Specialist JAVA
- Microsoft Azure AI Fundamentals
- HarvardX Introduction to Data Science with python edX
- Introduction to Java Programming
- Hacker Rank React Front-End Developer
- Cisco CCNAv7: Introduction to Networks

ACHIEVEMENTS

- Solved 600+ problems on LeetCode
- Solved 300+ problems on GeeksforGeeks
- Solved 150+ problems on CodeChef
- 2-star coder on CodeChef

EDUCATION

Aditya College Of Engineering & Technology.	2022 - 2026
B.TECH in Artificial Intelligence And Machine Learning	current CGPA: 8.52
S.V.L Junior College	2020 - 2022
Board of Intermediate Education [M.P.C]	percentage: 90.9
