Jarpula Jaswanth

FULLSTACK WEB-DEVELOPER

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

Professional Summary

Results-driven MERN Stack Developer with expertise in JavaScript, React.js, Node.js, Express.js, and MongoDB. Proven ability to build scalable full-stack applications and collaborate effectively in Agile teams. Adept at leveraging AI tools to accelerate development workflows and improve code quality. Currently focused on creating intuitive user experiences through responsive design and secure backend implementations.

Experience

Web Development Intern | Unified Mentor   **July 2025 – Sep 2025**

- Developing multiple full-stack web applications utilizing the MERN stack (MongoDB, Express.js, React.js, Node.js)
- Collaborating with senior developers to implement responsive user interfaces and optimize database performance
- Creating RESTful APIs and integrating secure authentication systems for client projects
- Tech Stack: JavaScript, React.js, Node.js, Express.js, MongoDB, Tailwind CSS

Team Lead & Full Stack Developer | Final Year Capstone Project   **Jan 2025 - May 2025**

- Led a team of 4 developers to build a peer-to-peer student freelancing platform allowing students to teach and learn various skills
- Implemented real-time chat and video call functionality for seamless communication between students.
- Designed and developed user registration, search functionality, and matching algorithm to connect learners with teachers.
- Managed project timeline, delegated tasks, and mentored team members on technical challenges
- Tech Stack: MongoDB, Express.js, React.js, Node.js, Socket.io.

Skills & abilities

Frontend Technologies: JavaScript (ES6+), React.js, HTML5, CSS, TailwindCSS.
Backend Technologies: Node.js, Express.js, RESTful APIs.
Database Management: MongoDB, Mongoose, SQL.
Development Tools: Git, GitHub, VS Code, Postman.

AI Tools & Efficiency: Claude, GitHub Copilot, Bard AI, Bolt AI, Loveable, Trae (AI IDE proficiency for accelerated development).

PROJECTS

CHAT-DB —Natural-Language Data Explorer (Gemini-powered)   *Preview*

- Full-stack app to query data in plain English using Gemini AI.
- Upload Excel/CSV or connect MongoDB/SQL databases.
- Auto-generated SQL/MongoDB queries with transparency.
- Tech Stack: Next.js 13, React 18, Tailwindcss,Supabase.

SECURE-DOCS — Secure Digital Document Storage   *Preview*

- Developed a secure document platform sers to store and manage important documents digitally.
- Implemented encryption, user authentication JWT authentication, and role-based access controls.
- Tech Stack: MongoDB, Express.js, React.js, Node.js.

COLLAB-SPHERE — AI-Enhanced Project Rooms   *Preview*

- Designed a collaboration platform with private project rooms and AI chat assistance for developers
- Implemented AI assistance for code suggestions and problem-solving within project environments
- Integrated real-time communication features allowing seamless interaction between team members
- Tech Stack: React.js, Tailwind CSS, Express.js

LINK-MINT — Custom Name Link Shortener   *Preview*

- Developed a custom URL shortener enabling branded, trackable short links for businesses and creators
- Implemented secure redirects, analytics tracking, and custom alias generation to enhance brand identity and user engagement.
- Tech Stack: React.js, Tailwind CSS, Express.js.

SUPER-MALL — Advertising E-Commerce for Mall Vendors   *Preview*

- Built an e-commerce advertising platform empowering mall vendors to showcase products and run targeted campaigns.
- Integrated vendor dashboards, product catalog management, and campaign scheduling to improve sales visibility.
- Tech Stack: React.js, Tailwind CSS, Express.js.

Education

Bachelor of Technology (B.Tech), Information Technology   **CGPA: 8.5/10 (81.61%)**

Kakatiya University, Kothagudem | 2021 – 2025

Diploma, Mechanical Engineering   **CGPA: 9.47/10 (89.97%)**

Govt Polytechnic, Kothagudem | 2018 – 2020

Secondary (X), CBSE   **CGPA: 8.04/10 (76.33%)**

Nava Bharath School ,Kothagudem | 2018

Certification

Full Stack Web Development — Udemy (Jan 2024 – Oct 2024)   *Preview*

• Comprehensive 300+ hour program covering MERN stack, authentication, deployment, and advanced concepts.

Web Development Intern — Unified Mentor   *Preview*

• Hands-on internship experience focusing on full-stack development, real-world project building, and industry best practices.

AI DEVELOPMENT APPROACH

Proficient in leveraging AI-powered development tools to accelerate project completion while maintaining code quality:

- Using GitHub Copilot for efficient code generation and pattern implementation
- Implementing Claude and Trae AI IDEs for intelligent code suggestions and debugging
- Exploring Bolt AI and Loveable for rapid prototyping and UI development
- Maintaining best practices by critically reviewing AI-generated code for optimization

LANGUAGES

English: Professional Working Proficiency
Hindi: Medium Level
Telugu: Native