

TEJA VASU YELLAPU

Visakhapatnam, Andhra Pradesh, 531173



FULL-STACK DEVELOPER (MERN / NEXT.JS)

Production-focused Full-Stack Developer with hands-on experience building scalable SaaS platforms, LMS systems, e-commerce applications, and real-time systems using modern web technologies. Strong expertise in designing secure APIs, implementing role-based authentication, integrating payments, and optimizing performance. Passionate about building fast, secure, and user-centric applications.

SKILLS

Core Stack: Next.js, React.js, Node.js, Express.js, TypeScript, JavaScript

Databases & ORMs: MongoDB, PostgreSQL, SQLite, Prisma, Mongoose

Authentication & Security: JWT, Clerk, Role-Based Access Control (RBAC), bcrypt, Cookies

Payments & Integrations: Stripe, Razorpay, Webhooks, Cloudinary, Resend

State Management & APIs: Redux Toolkit, Zustand, RESTful APIs

Tools & DevOps: Git, GitHub, Vercel, Render, Multer, Arcjet, Tailwind CSS, DaisyUI, Bootstrap

Freelance Full-Stack Developer | Client Project

Delivered a production-ready e-commerce web application for a real client, handling development and deployment end-to-end. [🔗](#)

Enterprise Library Management System [🔗](#)

PROJECT EXPERIENCE

SaaS Learning Management Platform [🔗](#)

Tech: Next.js 16, TypeScript, MongoDB, Stripe, Clerk, Cloudinary, Tailwind CSS

- Built a production-grade LMS with a lifetime access payment model (\$99) using Stripe webhooks.
- Implemented secure authentication and role-based access (Student/Admin) using Clerk.
- Developed an admin dashboard for course creation, user management, and revenue analytics.
- Integrated video playback for YouTube and Wistia content.
- Optimized performance using Next.js caching and revalidation, achieving **5–25× faster page loads**.

Enterprise Library Management System [🔗](#)

Tech: React, Node.js, Express, MongoDB, JWT, Redux, Tailwind CSS

- Designed a role-based system for Admin and Reader access.
- Implemented secure authentication using JWT, cookies, and bcrypt password hashing.
- Built RESTful APIs and optimized MongoDB queries with indexing.
- Added Excel bulk import/export and PDF report generation.
- Integrated Cloudinary and Multer for media and file handling.

Academic Grievance Workflow System [🔗](#)

Tech: Node.js, Express, MongoDB, JWT, Cloudinary

- Developed a multi-level grievance workflow: Faculty → HOD → VP → Principal.
- Implemented secure authentication and password change tracking.
- Added file attachments, feedback system, and grievance aging metrics.
- Improved system performance through query optimization and indexing.

E-Commerce Order & Payment Platform (Vestra)

Tech: React, Node.js, MongoDB, Stripe, Razorpay

- Built complete product lifecycle management (add, edit, delete, inventory).
- Integrated Stripe, Razorpay, and Cash-on-Delivery payment options.
- Implemented real-time order tracking workflows.
- Optimized APIs for scalable product and order handling.

Real-Time Messaging Platform

Tech: React, Node.js, MongoDB, Socket.io, JWT

- Built real-time one-to-one chat using Socket.io.
- Added typing indicators, online/offline status, and sound notifications.
- Integrated email automation using Resend.
- Implemented media uploads via Cloudinary.
- Added API rate limiting and abuse protection using Arcjet.

INTERNSHIP EXPERIENCE

Frontend Developer Intern – Absolin Technologies | 3 Months

Tech: React.js, Next.js

- Built responsive UI components using React.js and Next.js.
- Integrated APIs and implemented dynamic routing.
- Focused on performance, reusability, and clean component structure.

EDUCATION

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| Nxtwave Disruptive Technologies Industry Ready Certification in Full-stack Development | 2024 - 2025 | Completed |
| Master of Computer Applications (MCA) – Computer Science Engineering Visakha Institute of Engineering and Technology | 2023 - 2025 | CGPA: 7.5 |
| Bachelor of Science (BSc) – Computer Science Engineering (Aditya Degree College) | 2020 – 2023 | CGPA: 8.21 |
| Intermediate (MPC) | 2018 - 2020 | CGPA: 6.57 |
| SSC | 2017 - 2018 | CGPA: 9.5 |

ADDITIONAL INFORMATION

- 42+ public GitHub repositories
- Deployed multiple full-stack SaaS applications
- Experience with CI/CD using Vercel and Render
- Currently learning **System Design, Docker, and AWS fundamentals**