

# 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 **5–25x 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.

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## 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.
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## 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.

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## 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.

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## EDUCATION

Nxtwave Disruptive Technologies	2024 - 2025	Completed
Industry Ready Certification in Full-stack Development		
Master of Computer Applications (MCA) – Computer Science Engineering	2023 - 2025	CGPA: 7.5
Visakha Institute of Engineering and Technology		
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

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## 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**