Ashapu Mohan

MERN Stack Developer

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PROFESSIONAL SUMMARY

Full-stack MERN Developer with hands-on experience building scalable applications using React, Node.js, Express, and MongoDB. Strong in REST API design, JWT authentication, PostgreSQL, SSR, dynamic routing, and performance optimization. Experienced in delivering responsive, production-ready UIs with Tailwind CSS and modern frontend tooling.

EDUCATION

B.Tech – Information Technology — MVGR College of Engineering Nov 2022 – Present
Higher Secondary (MPC) — PPR Kaumudi Junior College 2020 – 2022

WORK EXPERIENCE

MERN Stack Intern — UptoSkills   Oct 2025 – Present

- Developed full-stack features and optimized backend logic, reducing API latency by **40%**.
- Implemented **JWT authentication + RBAC**, scaling secure access for **1000+ users**.
- Improved frontend performance using Hooks, memoization, and dynamic imports, cutting load time by **30%**.
- Integrated PostgreSQL with ORM, enabling efficient relational querying and clean data models.

MERN Stack Intern — SmartBridge   May 2025 – Jul 2025

- Built scalable MERN applications with optimized REST APIs, reducing server load by **20%**.
- Designed responsive UI components using React + Tailwind for **500+ daily active users**.
- Enhanced data flow caching, improving real-time responsiveness across the app.

PROJECTS

eCard — Professional Identity Card Platform Tech: Next.js, PostgreSQL, QR API, Tailwind CSS

- Built a digital identity platform with unique profile URLs and real-time QR code generation.
- Implemented **SSR + dynamic routing**, reducing initial load time by **30%**.
- Improved shareability performance by optimizing static rendering and asset loading.

VendorSync — E-Procurement Vendor Bidding Platform Tech: Next.js, Node.js, Express.js, MongoDB, JWT, bcryptjs, Axios, Framer Motion, Lucide-React

- Built a secure, role-based e-procurement platform with JWT authentication and bcryptjs password hashing, reducing unauthorised access risks and improving overall application security.
- Optimised frontend performance using Next.js routing and efficient API handling with Axios, achieving **30%** faster page load times and smoother user interactions with Framer Motion animations.

TECHNICAL SKILLS

Frontend: React.js, Next.js, Tailwind CSS, Bootstrap, HTML, CSS, JavaScript, Responsive UI
Backend: Node.js, Express.js, REST APIs, JWT Auth, Middleware, PostgreSQL, MongoDB, Mongoose
Tools: Git/GitHub, VS Code, npm, Postman, Figma
Certifications: IBM Web Dev, Coursera React, SkyScanner Frontend Simulation