

VISHNU E

FULL STACK DEVELOPER (MERN)

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PROFESSIONAL SUMMARY

Full Stack Developer with 3+ years of experience architecting and shipping production-grade web applications using React.js, Next.js, Node.js, and TypeScript. Delivered real-time systems (Socket.IO), scalable REST APIs, and secure payment integrations (Razorpay, Stripe, PayPal) across marketplace, LMS, and e-commerce platforms serving thousands of end users. Skilled at translating complex product requirements into reliable, high-performance solutions from concept to deployment, and collaborating across engineering, design, and mobile teams.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, Java, C++, C

Frontend: React.js, Next.js, Redux, Zustand, React Query, Tailwind CSS, Material UI, Bootstrap, Sass, HTML5, CSS3

Backend: Node.js, Express.js, REST APIs, Socket.IO, JWT Authentication, MVC Architecture, Axios

Databases: MongoDB, PostgreSQL, MySQL, Mongoose, Prisma, Redis

Cloud & DevOps: AWS (EC2, Route 53), DigitalOcean, Vercel, Nginx, Firebase, Firebase Storage

Tools & Integrations: Git, GitHub, Postman, Figma, Razorpay, Stripe, PayPal, OpenAI API

PROFESSIONAL EXPERIENCE

Full Stack Developer | iCanyon Technologies — Calicut, Kerala

Oct 2023 – Present

- Designed and delivered **10+ production-grade web applications** spanning e-commerce, LMS, and AI-powered platforms using the MERN stack, working within cross-functional teams of designers, backend engineers, and mobile developers.
- Built and optimized **RESTful APIs and real-time features (Socket.IO)** powering scalable, low-latency interactions across multiple client-facing platforms.
- Improved application performance and database efficiency through query optimization, **Redis caching**, and code refactoring, strengthening reliability for high-traffic environments.
- Implemented secure authentication (JWT, OTP) and integrated **multiple payment gateways (Razorpay, Stripe, PayPal)**, ensuring seamless, secure transaction flows.

PROJECT EXPERIENCE

PostGlobal Storefront — E-Commerce App (Next.js 16, React 19, TypeScript, Zustand, TanStack Query)

- Architected a modular **Next.js 16 App Router** application using React Server Components for SEO performance, with **Zustand and TanStack Query** managing global and server-cached state across cart, wishlist, and sessions.
- Built a secure **OTP-based authentication** flow with JWT session handling, and resilient forms using React Hook Form and Zod, backed by a responsive Tailwind CSS design system and Framer Motion animations.

Grro — Business–Freelancer Marketplace & LMS (Next.js, Node.js, TypeScript, MongoDB, Redis, AWS, Flutter, Firebase)

- Collaborated within a **5-member cross-platform team** to build a marketplace and LMS with workflow automation, RBAC, and real-time features, reaching **1,000+ app downloads**.
- Integrated secure payment gateways and coordinated with backend and mobile teams for reliable cross-platform delivery.

Clezz — AI-Powered Learning Platform (React.js, Node.js, TypeScript, OpenAI API, MySQL, AWS, Flutter)

- Built an AI-powered learning application leveraging the **OpenAI API and Generative AI** for automated note generation, scaling to **5,000+ students** generating and downloading personalized study materials.

Zeet — Real-Time Communication Platform (React.js, Node.js, TypeScript, MongoDB, AWS, Flutter)

- Engineered a real-time communication platform with live messaging, voice chat, and event-driven updates using **Socket.IO**, ensuring scalable, low-latency interactions for concurrent users.

EDUCATION

Full Stack Developer Intern (MERN Stack) — Brototype, Kochi

Aug 2022 – Feb 2023

MongoDB, Express.js, React.js, Node.js

Bachelor of Computer Science (BSc) — University of Calicut

Jun 2018 – Apr 2021

Specialization: Computer Science