

Deepak Pandey

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PROFESSIONAL SUMMARY

Full Stack Developer experienced in building scalable MERN stack and AI-powered applications across web and mobile platforms. Skilled in real-time systems, REST APIs, authentication workflows, cloud deployment, Docker, Redis caching, and AI-integrated features using React, Next.js, Node.js, MongoDB, and Azure.

EDUCATION

VPM RZ Shah College, Mumbai University 2023 – 2026
Bachelor of Science in Computer Science | CGPA: 8.08/10 Thane, Maharashtra

TECHNICAL SKILLS

Languages: JavaScript (ES6+), C++, Python, PHP, HTML5, CSS3
Frontend: React.js, Next.js, Redux, Tailwind CSS, Bootstrap, React Native (Expo)
Backend: Node.js, Express.js, REST APIs, JWT Authentication, Socket.IO, Bcrypt
Databases & Cloud: MongoDB, MongoDB Atlas, MySQL, Redis, Docker, Azure VM, Nginx
Tools & Platforms: Git, GitHub, Postman, VS Code, Vercel, Netlify, Render, Clerk, Stripe
Core Concepts: Real-Time Communication, AI Integration, Cross-Platform Development, Responsive UI, Scalable Architecture

SELECTED PROJECTS

Study Buddy – Smart Study Planner GitHub | APK

React Native, Node.js, Express.js, MongoDB, Redis, Docker, Azure

- Developed a cross-platform AI-powered study planning mobile application using React Native with Expo and Node.js backend architecture.
- Implemented AI-generated study roadmaps, milestone tracking, MCQ-based assessments, reminders, and progress monitoring features.
- Integrated AI-powered text and voice assistance to help students resolve doubts and improve learning efficiency.
- Optimized backend performance using Redis caching for frequently accessed study resources and MCQ datasets.
- Containerized backend services using Docker and deployed the application on Azure Virtual Machine with Nginx reverse proxy configuration.

Codeverse – AI-Powered Social Platform GitHub | Live

Next.js, Redux, MongoDB, Socket.IO, Clerk, Tailwind CSS, daisyui

- Built a full-stack AI-powered social media platform for programmers enabling collaboration, hackathon participation, and technical discussions.
- Implemented real-time communication features using Socket.IO including group discussions, instant messaging, and developer interaction workflows.
- Integrated AI-powered assistance using Grok API for drafting chat messages, debate verification, and personalized hackathon guidance.
- Designed scalable frontend architecture using Next.js and Tailwind CSS with secure authentication and Google login using Clerk.

Land-Lord – Property Management Platform GitHub | Live

React.js, Node.js, Express.js, MongoDB Atlas, JWT, Multer

- Developed a MERN stack property management platform supporting property listing, buying, selling, and financial management workflows.
- Implemented secure JWT-based authentication, REST APIs, property document management, and downloadable document handling features.
- Built service-booking functionality allowing users to hire workers and painters through profile-based interactions.
- Integrated interactive map-based property location selection and collaborated on the project for Mumbai University's Avishkar competition.

CERTIFICATIONS

- Oracle Cloud Infrastructure (OCI) – Generative AI Certification
- MongoDB – Node.js Developer Learning Path