

# Vinod Chudasma

MERN stack Developer

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Portfolio

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## OBJECTIVE

MERN Stack Developer with experience in building scalable applications using React.js, Next.js, Node.js, Express.js. Skilled in developing REST APIs, integrating databases such as MongoDB, MySQL, and implementing secure, optimized backend systems. Focused on clean architecture, reusable components, and performance-driven development.

## EDUCATION

### DIPLOMA ENGINEERING

Gujrat Technological University

2022

## WORK EXPERIENCE

### MERN Stack developer

EngineersHut

May 2025 – Present

- I have been developing scalable and modern web applications using React.js and Redux Toolkit, focusing on building reusable components and interactive front-end features. I design and implement secure authentication systems, including JWT-based authentication, role-based access control, and two-factor authentication (2FA). On the backend, I develop and maintain robust RESTful APIs using Node.js and Express.js, while building scalable database architectures and implementing complex business logic with MongoDB (Mongoose) and MySQL. I also handle API documentation and testing using Swagger and Postman, and manage version control, collaborative code reviews, and deployments through structured Git workflows on GitHub.

### Frontend developer Internship

Tops Technologies Pvt. Ltd

Aug 2024–May 2025

- Gained hands-on experience in building responsive web applications using HTML, CSS, JavaScript, and React.js. Worked on developing UI components, integrating APIs, and improving user experience across different devices.

## TECHNICAL SKILLS

- Frontend Development:** React.js, Next.js, JavaScript (ES6+), TypeScript, HTML5, CSS3, Redux, React Hooks, electron Js , Client-Side Rendering (CSR), Responsive Web Design
- UI Libraries & Styling:** Material UI (MUI), Bootstrap, Tailwind CSS
- Backend & API Integration:** Node.js, Express.js, RESTful APIs, Authentication Integration
- Real-Time Communication:** Socket.IO, WebSockets
- Git:** Version Control & Collaboration Git, GitHub

### **EH-HRMS | HR Management System :** Frontend Development (Next.js, Typescript)

- Developed a full-featured HRMS platform using Next.js and TypeScript.
- Implemented Employee Management module with CRUD operations and role-based access.
- Built Attendance & Leave tracking system with real-time status updates.
- Designed and integrated Payroll & Expense management features.
- Developed Performance Appraisal and reporting modules.
- Created Project & Task management system with Kanban workflow.
- Implemented Issue tracking system for streamlined team collaboration.

### **JorShor – Music App Admin Panel :** Frontend Development (Next.js, Typescript)

- Developed a role-based Admin Panel using Next.js and TypeScript.
- Implemented Songs Management module with upload, edit, approval, and status tracking.
- Built Artist workflow system with onboarding and verification process.
- Designed content approval & moderation system for platform control.
- Developed Wallet & transaction management interface.
- Integrated notification system for real-time updates.
- Connected frontend with REST APIs and handled authentication & authorization.
- Built reusable UI components and optimized performance.

### **Vedriti Pharmacy :** Backend Development (Node.js, PostgreSQL, JWT Authentication)

- Developed secure and scalable RESTful APIs using Node.js and PostgreSQL.
- Implemented JWT-based authentication & role-based authorization for 5 user roles.
- Designed and managed database schema for users, orders, and inventory.
- Handled complex business logic for order processing and inventory tracking.
- Implemented input validation, error handling, and API security best practices.
- Optimized queries and improved backend performance.
- Integrated APIs with frontend and ensured seamless data flow.

### **ChatApp :** Frontend Development (React.Js)

- Developed a real-time chat application using React.js.
- Implemented one-to-one and group messaging with live updates.
- Built file sharing functionality (images, documents, media).
- Integrated voice and video calling features.
- Implemented AI-powered message translation for multi-language support.
- Developed semantic search to quickly retrieve relevant conversations.
- Added AI-based content moderation for safe communication.
- Managed state efficiently and optimized UI performance.
- Integrated WebSocket for real-time communication.