Shubham Karande

Software Engineer

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in LinkedIn ○ GitHub 🔗 Portfolio ⟨ LeetCode ●» Medium

Profile

Self-taught Software Engineer with a strong passion for building high-performance, scalable web and mobile applications. Skilled in transforming ideas into robust digital solutions through clean, maintainable code, intuitive UI/UX design, and modern development practices. Proficient in full-stack development, with a focus on delivering seamless user experiences and efficient system architecture.

Education

Pillai HOC College of Engineering and Technology   11/2022 – 05/2025
Bacehlor of Engineering in Computer Engineering   Khalapur, Raigad

Pillai HOC College of Engineering and Technology   06/2019 – 06/2022
Diploma in Computer Engineering   Khalapur, Raigad

Skills

- HTML & CSS
- JavaScript
- TypeScript
- Python
- Java
- Kotlin
- Dart
- PHP
- Golang
- Rust
- Node.js
- React.js
- Next.js
- Express.js
- MongoDB
- MySQL
- PostgreSQL
- SQLite
- MariaDB
- Redis
- AWS
- Microsoft Azure
- GCP
- React Native
- Flutter
- Django
- Flask
- Spring
- Spring Boot
- Laravel
- Svelte
- FastAPI

Professional Experience

Vserv Digital Services Pvt. Ltd.   08/2025 – Present
Software Engineer   Mumbai, Maharashtra, India

- Developed scalable web applications using Laravel, optimizing Eloquent models, relationships, and configurations for maintainable architecture.
- Built a feature-rich admin dashboard using Laravel Nova, delivering efficient backend management and an intuitive user experience.
- Designed secure RESTful APIs, implemented complex query logic, and integrated Keycloak for authentication and role-based access control.
- Leveraged AWS for secret management and conducted thorough API testing using Postman to ensure reliability and enterprise-grade compliance.

Projects

ChatMate – Your On-the-Go AI Companion
A full-stack AI chatbot app enabling real-time, intelligent conversations across mobile platforms.
- Built ChatMate – a cross-platform AI chatbot app using React Native with Redux for state management and optional Tailwind-RN for responsive UI styling.
- Integrated with a FastAPI backend or directly connected to OpenAI's API for real-time conversational intelligence.
- Implemented features like context-aware replies, light/dark mode toggle, and persistent chat history.
- Optimized network and memory usage for smooth performance on both iOS and Android devices.

MeetNexa – Connect Visually, Anywhere
A full-stack video conferencing app with real-time chat, screen sharing, and peer-to-peer connectivity.
- Developed MeetNexa – a Google Meet clone enabling real-time video calls, chat, and screen sharing using Next.js, Tailwind CSS, and Zustand for state management.
- Implemented peer-to-peer video communication with WebRTC and real-time signaling via Socket.IO.
- Node.js backend handles session control, while Firebase manages user authentication, chat messages, and meeting metadata.
- Added recording and playback functionality, allowing users to save and review meetings.

Zer0Drop – Censorship-Free File Exchange
A decentralized file sharing platform for censorship-resistant, permanent, and secure file exchange.
- Engineered Zer0Drop – a decentralized file sharing app using Vue.js, Tailwind CSS, and Vite for a fast, responsive UI.
- Integrated Web3 wallet authentication and IPFS-based storage via Web3Storage for censorship-resistant file uploads.
- Backend powered by the Gin framework (Go), serverlessly deployed on AWS Lambda for scalability and performance.
- Implemented end-to-end encryption, ensuring files are private and secure during upload and download.

Chatterly – Real-Time Conversations Made Simple
A mobile-first chat platform for seamless real-time messaging and media sharing.
- Developed Chatterly, a React Native chat app with real-time messaging, group chats, media sharing, and push notifications.
- UI built with Expo, Tailwind-RN, and Redux Toolkit for a responsive, modern, and state-managed experience.
- Backend powered by Node.js with Socket.io, deployed on AWS, enabling low-latency messaging.
- Firebase Firestore handles authentication, real-time sync, and chat storage, ensuring reliability and scalability.

BitPad – Fast, Collaborative Online Coding
A web-based code playground for writing, running, and sharing code collaboratively.
- Built BitPad, an online coding platform supporting live collaboration on code snippets.
- Frontend uses React, Vite, and Monaco Editor to provide a lightweight IDE-like experience in the browser.
- Backend implemented with Flask and Docker sandboxing, deployed on AWS Fargate for secure and scalable code execution.
- PostgreSQL stores user data and code snippets, ensuring persistence and quick retrieval.