

SARVESH KUMBHARDE

 +91-9175991442 |  sarveshkumbharde@gmail.com |  LinkedIn

EDUCATION

Pune Institute of Computer Technology <i>B.E. in Information Technology</i>	Nov 2022 – Present GPA: 7.00 / 10
Global Public School, Nashik <i>HSC (Class XII)</i>	2020 – 2021 Percentage: 90.67%

EXPERIENCE

PICT, Pune – Intern	Feb 2025 – Apr 2025 
<i>Backend of Incident Reporting App / Node.js, Express, MongoDB, Socket.io</i>	
– Developed a backend of Incident Reporting and Management System enabling users to report civic or safety incidents with image uploads and severity levels	
– Implemented role-based access control (RBAC) with distinct functionalities for Admin, Authority, and User roles	
– Implemented Socket.io for real time notification whenever the incident reported, assigned or status is changed	
– Utilized MongoDB and Mongoose for efficient incident storage, relational mapping, and query optimization	
– Implemented backend REST APIs using Node.js and Express.js for seamless data flow between frontend and database	

PROJECTS

CODECOLAB – Real-time Collaborative Code Editor React, Node.js, Express, MongoDB, Socket.IO 
– Built a collaborative online code editor supporting real-time conflict free editing using YJS CRDTs and Monaco Editor
– Integrated WebSocket-based synchronization for multi-user coding, cursor sharing, and live presence indicators
– Implemented cloud-based code execution using the Piston API supporting JavaScript, Python, C, C++, Java, and Go
– Integrated Socket.io for real-time chatting and database to store user's chats
QUICK.AI – SAAS Web Application React, Node.js, Express, PostgreSQL 
– Developed a multi-service AI SaaS platform offering resume review, blog generation, image generation, and image editing
– Integrated Gemini API for content generation, ClipDrop API for image creation, and Cloudinary API for image editing
– Implemented Google OAuth authentication and JWT-based authorization without third-party auth providers
– Built subscription-based access control using Stripe Checkout and Webhooks , with a yearly premium plan and lazy expiry using database-driven entitlements
– Applied Redis caching to store AI outputs, improving response times and reducing API costs
– Implemented rate limiting to prevent service abuse and protect backend infrastructure

FOREVER – E-commerce Website React, Express, Node.js, MongoDB 
– Developed a fully responsive e-commerce platform with separate product catalogs for men, women, and kids

– Implemented role-based access control with distinct authentication flows for users and administrators
– Built comprehensive admin dashboard for product management, inventory tracking, and order processing
– Integrated secure payment gateways (Stripe and Razorpay) with proper transaction handling
– Utilized MongoDB for efficient management of products, user accounts, and order history
– Implemented advanced filtering and sorting features with dynamic search functionality for improved user navigation

TECHNICAL SKILLS

- **Languages:** C++(for DSA and OOP) | JavaScript | SQL
- **Backend:** Node.js, Express.js, REST APIs, JWT Auth, OAuth
- **Frontend:** React
- **Databases:** MySQL | MongoDB | PostgreSQL
- **Other:** Socket.IO | Redis Cache
- **Tools:** VS Code | Git & Github | Postman
- **CS Fundamentals:** DSA | OOP | DBMS | OS

ACHIEVEMENTS

- Solved 400+ problems on Leetcode, strengthening Data Structures and Algorithms
- Secured 99.13 PCM percentile in Maharashtra CET and 96.09 percentile in JEE MAINS