

VIVEK CHATURVEDI

Mumbai, India | +91-9967069241 | vc8bp3@gmail.com | [LinkedIn](#) | [Portfolio](#)

Software Engineer with 3+ years of experience designing and developing scalable systems, real-time platforms, and high-performance backend services. Proficient in C++, Python, and Django with deep expertise in CI/CD, cloud deployments, Docker, and microservices. Proven ability to collaborate across teams, optimize systems, and deliver robust solutions in fintech and e-commerce domains.

TECHNICAL SKILLS

Languages & Frameworks: Python, C++, C, JavaScript, React.js, Node.js, Django, Redux

Databases: MongoDB, PostgreSQL

Tools & Platforms: Docker, AWS, Jenkins, NGINX, Git, WebSocket, Linux

DevOps & Deployment: CI/CD pipelines, Docker Compose, NGINX configuration, SSL setup

Cloud & Hosting: AWS EC2, S3, VPS, Netlify

Other: REST APIs, Web Security, Performance Optimization, System Design, Agile, Scrum

PROFESSIONAL EXPERIENCE

Software Engineer | Finrise, Mumbai

Dec 2023 – Present

- Developed a real-time **Risk Management System (RMS)** using React for over 200 concurrent users.
- Integrated Jenkins CI/CD pipelines and deployed via NGINX in Linux-based environments.
- Collaborated on rewriting C++ microservices, achieving a 60% improvement in processing speed.
- Made architectural decisions for scalability, system performance, and maintainability.

Frontend Developer | Srhft, Mumbai

Apr 2023 – Dec 2023

- Built a live dashboard with WebSocket, custom filters, and real-time charts handling large datasets.
- Developed a flexible form builder for dynamic user input customization.
- Reduced release cycles from weekly to daily by configuring Jenkins CI/CD with VPS + NGINX + SSL.

Freelance Web Development

Aug 2021 - Present

- Delivered full-stack solutions in fintech and edtech domains using React, Django, and Node.js.
- Built scalable real-time platforms with WebSocket, Docker-based isolated environments, and secure deployments on AWS.
- Designed admin panels, coding environments, and test management systems from architecture to deployment.

PROJECTS

Real-time Trading Platform | [Project Detail](#) →

Built a trading platform to manage Net Positions, Market Watch, Order Logs, and strategy execution for traders

- Customizable dashboards with real-time data streams.
- Live-updating tables with dynamic analytics.
- Real-time graphs including time series charts, line graphs, and heatmaps.
- Designed for scalability and performance in high-data environments.

Quant Quest - Professional Coding Assessment Platform | [Project Detail](#) →

An online platform for conducting coding assessments and analyzing developer performance.

- Real-time user activity tracking to monitor test progress.
- Secure coding environment powered by Docker containers for full isolation.
- Post-assessment strategy testing module for evaluating improvements.
- Admin dashboard for creating, managing, and monitoring tests.

Custom Chess Game Built with React (No Libraries) | [Live Demo](#) · [GitHub](#) · [Project Detail](#) →

Designed a complete chess game interface using only React, with no third-party libraries.

- Custom logic for piece movements and chess rules.
- Real-time board updates with interactive UI.
- Fully functional chess gameplay including check, checkmate, and stalemate conditions.

QueenTouch - E-commerce Platform (MERN Stack) | [Live Site](#) · [Frontend GitHub](#) · [Backend GitHub](#) · [Admin Dashboard GitHub](#)

Created a full-featured shopping platform for female fashion products.

- Secure payment integration for safe card transactions.
- Admin dashboard for managing products, orders, and inventory.
- Seamless UI/UX design with a focus on intuitive navigation.
- Checkout flow optimized for speed and reliability.
- Built-in analytics for order trends and user behavior insights.

EDUCATION

Bachelor of Science in Information Technology · Jashbhai Maganbhai Patel College

2021 – 2023

Grade: 62%