







# Vivek chaturvedi *Software engineer*

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 Portfolio

## Profile

I'm a Software Engineer specializing in building and deploying scalable web applications. I handle front and backend development, ensuring seamless user experiences and reliable system performance. From architecture to deployment, I manage the full development lifecycle with a focus on efficiency, reliability, and maintainability.

## Skills

Python | React js | Django | AWS | Mongo DB | C++ | Git | Docker | Nginx | Node js

## Professional Experience

### Finrise

12/2023 – present

*Software Engineer*

- Developed a high-performance RMS (Risk Management System) featuring real-time data and interactive dynamic graphs using React.
- Deployed the complete project in a Linux environment using NGINX and Jenkins for continuous integration and delivery.
- Collaborated with the backend team to optimize and rewrite their microservices in C++.

### SRHFT

06/2023 – 12/2023

*Frontend Developer*

Mumbai, India

- implemented a dynamic form builder for customizable inputs.
- Built real-time graphs and charts with WebSocket integration.
- Developed advanced tables with sorting, filtering, grouping, and dataset handling.
- Created an interactive dashboard with resizable and rearrangeable components.
- Set up CI/CD pipelines using Jenkins for automated deployments
- Deployed the application on a VPS with Nginx, SSL, and reverse proxy configuration.

### Freelance Web Development

08/2021

*Created modern UIs and dynamic content management systems for Ebullient Securities.*

Mumbai, India

#### Key Features:

- Implemented real-time features and live data streams, ensuring seamless updates.
- Deployed applications on AWS using Nginx and Docker for scalability.
- Built CI/CD pipelines to streamline and automate deployments.

#### Key Achievements:

- Designed high-performance React interfaces with dynamic and interactive features.
- Developed secure REST APIs using Django for efficient data communication and authentication.

- Successfully deployed scalable applications with AWS and Docker integration.

## Projects

### Real-time Trading Platform

Developed a trading platform for Ebulient Securities enabling management of Net Positions, Market Watch, Order Logs, and trading strategies. Key Features:

- Customizable dashboards and real-time data streams
- Interactive tables and dynamic analytics
- Real-time graphs (time series, line charts, heatmaps)

### Dynamic Website with Modern UI

Built a React-based website for Ebulient Securities with dynamic content management, a user-friendly interface, and an admin dashboard for seamless updates. Powered by a scalable and reliable Django backend.



### Quent Quest - Professional Coding Assessment Platform

Developed a coding assessment platform with advanced features:

- Implemented real-time user activity tracking to monitor progress and interactions during assessments.
- Built a secure coding environment using Docker containers to ensure isolation and reliability.
- Created a post-assessment strategy testing module within Docker for evaluating and improving solutions.
- Designed an admin dashboard for seamless test creation, management, and monitoring.

### Queentouch

Developed a full-featured e-commerce platform for female outfits using the MERN stack, focusing on secure transactions, user-friendly shopping, and efficient management tools.

- Integrated a secure payment system for safe card transactions.
- Provided admin capabilities for efficient product and order management.
- Designed an intuitive shopping interface for a seamless user experience.
- Streamlined checkout process with robust analytics for business insights.
- Frontend  | Backend 



### Multi Agent Shopping website

Developed a multi-seller shopping platform using the MERN stack, enabling sellers to manage products and users to browse, add to cart, and purchase items. Intelligent agents enhance the shopping experience by assisting users in finding the best products.

- Multi-seller product management with individual dashboards.
- Intelligent agents for personalized shopping assistance.
- User-friendly browsing, cart, and purchase experience.
- Source code hosted on GitHub for collaboration and version control.

### Custom Chess Game Built with React (No Libraries)

- Developed a chess game using plain React (no libraries).
- Custom rendering and chess logic from scratch.
- Interactive interface with dynamic chessboard.
- Handles all chess rules and piece movements.

Deployed Version  | GitHub Repository 

## Education

### BSC IT

Jashbhai Maganbhai Patel College

62%

Mumbai, India