# SHUBHAM RAUT

## MERN Stack Developer

MERN Stack Developer skilled in React Js, Node Js, Express Js,MongoDB with experience building secure APIs, payment integrations, and scalable web applications. 4+ years in algorithmic trading using Pine Script and MQL4.

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## SKILLS

| JavaScript | NodeJS |
| MongoDB | ExpressJS |
| React JS | |
| Redux-Toolkit | |
| Pinescript | MQL4 |

## WORK

### Algorithmic Development & Trading Automation
**Freelancer**

*12/2020 - Present*

*Achievements/Tasks*

- **Pine Script Development (4years)**
- Developed custom indicators, strategies, and automated trading scripts for TradingView.
- Optimized scripts for backtesting and live trading execution .
- Integrated alert systems for real-time market signals and automation .
- **MT4 Development (8 months)**
- Developed Expert Advisors (EAs), custom indicators, and scripts for MetaTrader 4.
- Implemented risk management, order execution, and trade automation strategies .
- Worked with MQL4 scripting to automate trading workflows.

## PROJECTS

### FooDiv - Restaurant Delivery Application
- **Github link :** https://github.com/shubhs7799/manage-foodiv.git
- **Live Project:** https://manage-foodiv.vercel.app
- **Technologies Used :** React 19, Redux Toolkit, Tailwind CSS 4, Firebase REST API, React Router DOM, Vite
- Developed a full-stack restaurant delivery application with **separate admin and customer workflows** using role-based access control.
- Integrated **Firebase Authentication and Firestore via REST APIs** (without SDKs) for secure user management and data handling.
- Built a **dynamic shopping cart system** with quantity controls, real-time price updates, and order placement flow.
- Designed and implemented **real-time recipe search** with instant filtering by recipe name and ingredients.
- Created a **responsive, mobile-first UI** using Tailwind CSS 4, optimized for performance and usability.
- Developed an **admin dashboard** with full CRUD operations for categories, recipes, and order status management.
- Implemented **secure authentication flow** using JWT tokens, localStorage persistence, and protected routes.

### Expense Tracker – MERN Stack Application
- **Github link :** https://github.com/shubhs7799/Expense-Tracker---Node.js-Project.git
- **Technologies Used :** MongoDB, Express.js, React 18, Node.js, Redux Toolkit, Tailwind CSS, JWT, Cashfree, Vite
- Developed a full-stack expense tracking application with **JWT-based authentication** and secure user sessions.
- Implemented **CRUD operations for expenses** with category management, search, filtering, and server-side pagination.
- Built **premium membership functionality** with ₹499/year subscription using **Cashfree payment gateway** and webhook verification.
- Created **expense analytics and CSV report generation** (daily, weekly, monthly) for premium users. Implemented **secure password reset flow** with token generation, expiration handling, and encrypted password storage using bcrypt.
- Used **Redux Toolkit** for centralized state management and React Router v6 for protected route navigation.
- Built **RESTful APIs** with middleware-based authorization, protected routes, and clean architecture.

## EDUCATION

### BE Mechanical
JSPM Narhe Teachnical Campus

*06/2015 - 06/2019*                                               *Pune*