

YADVENDRA SHARMA

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Skilled backend developer proficient in NodeJS, ExpressJS, MongoDB, and REST API. Proven in project leadership, bug resolution, and system optimization. Seeking a challenging role to contribute to innovative projects and advance professionally.

Work Experience

Back-End Developer Intern

Jul 2023 – Oct 2023

Degen Money – Gurugram, India

- Developed a low-latency trading platform, enabling traders to swiftly execute buy or sell orders for their trades, catering specifically to scalping strategies.
- Undertook a full time opportunity as a Back-End Developer. Spearheaded the development of a server side using state-of-the-art technologies including NodeJS, Express, MongoDB, O-Auth, Mongoose, Redis and Puppeteer.
- Managed diverse data streams stemming via a web socket connection from KITE (A set of APIs from Zerodha).
- Created APIs that maintain client-server connection and perform trading operations like buying and selling of financial instruments.
- Resolved Multiple bugs in JavaScript Code on both client and server side.
- Managed Database of user and Futures & Options' instrument data using MongoDB Atlas, Mongoose and Redis caching.
- Deployed it on AWS EC2 Linux instance using NGINX for reverse proxy and PM2 to manage multiple ports.
- Fostered a collaborative work environment, harmonizing with a team of 3 to achieve project milestones.

Project

Options Scalper([Link](#))

- Developed a high-speed trading platform, enabling traders to swiftly execute buy or sell orders for options, catering specifically to scalping strategies.
- Leveraged MERN stack and Upstox API to design a robust backend system using NodeJS. Implemented 10+ APIs to facilitate seamless and secured (JWT) interactions between the frontend and backend components.
- Established a WebSocket connection to retrieve real-time Last Traded Price (LTP) data for financial instruments.
- Implemented OAuth 2.0 authentication for secure communication between our application and the Upstox trading platform.
- Ensured efficient execution of trades by optimizing server-side processing and response times.
- Demonstrated proficiency in orchestrating database operations to handle complex financial data and executing high-frequency trading operations.

DevsClash (<https://www.devsclash.com/>)

- Engineered a coding platform, demonstrating adept knowledge in Backend design & development in MERN stack
- Led backend development leveraging Node & MongoDB, ensuring a seamless interface for users. Fostered collaboration within the team of 3, strengthening project coordination & delivery
- Demonstrated capacity to handle 50+ contests concurrently, showcasing effective multitasking & prioritization skills
- Implemented tailored solutions using ReactJS, JavaScript, MongoDB, & Express integration & devised the back-end attributes of a state-of-the-art online coding battle platform, boosting user experience & engagement
- Monitored system performance, identified, & rectified 10+ code defects, reinforcing high-quality code standards & reliability
- Collaborated with a team of 4 developers, meeting project milestones within strict deadlines. Managed data from over 5 REST APIs, optimizing information flow & platform functionality

Practical Scheduler(<https://practical-scheduler.vercel.app/>)

- Enhanced scheduling precision by 30%, drastically reducing scheduling errors, achieving a 60% reduction in efforts & a significant decrease in time spent.
- Used MERN (MongoDB, React, NodeJS & Express) and REST architecture.

Achievements & Position of Responsibility

- Won 1st place in a hackathon competition at Shiv Nadar University. Selected as a finalist at the competitive COER hackathon, showcasing technical expertise and innovative thinking
- Proven leadership in guiding teams to success at 10+ high-profile hackathons such as Rajasthan IT Day, SNU's Envisage, COER Hackathon Roorkee, and HackIT Sapeians
- Achieved victory at SNU's Envisage hackathon, leading a team that outperformed 8 finalists culled from a pool of over 50 contenders
- Organized successful virtual hackathon with over 30+ participation

Skills

JavaScript, NodeJS, ExpressJS, MongoDB, Rest API, Web Sockets, React, Python, GitHub, Firebase, puppeteer, O-Auth 2.0, JWT

Education

Bachelor of Technology, CSE (IMS Engineering College)

Aug 2024