📞 +91 9139760455

✉ imrann3211@gmail.com

📍 Mumbai, India

🐙 github/Imo6

in linkedin/in/Imo6

Md Imran
Trading Support Engineer

WORK EXPERIENCE

Trading Support Engineer
Algoquant Fintech Limited

Jan '24 - Present
Mumbai, IN

- **Optimized Market Data Transfers:** Reduced BSE and NSE market data transfer time (~220 GB) from **15–16 hours to just 5–6 hours** by implementing a secure **SSH tunnel** and automating the process through custom scripting—ensuring faster availability of market data for analysis and decision-making.
- **Enhanced Automation with Jenkins:** Migrated scheduled jobs from **crontab** to **Jenkins**, enabling centralized job management, detailed execution logs, on-demand triggers, and easier failure recovery—improving both **reliability** and **visibility** of automation workflows.
- **Automated Multi-Platform File Delivery:** Built a **Telegram bot** and **Python** automation to download files directly from Telegram and forward them instantly to designated Slack channels—eliminating manual steps, reducing delays, and improving operational efficiency.
- **Trading Infrastructure Support:** Monitored and maintained mission-critical trading systems, performed technical troubleshooting, and ensured seamless operation of market data processing pipelines to support timely and accurate trading activities.

Backend Developer Intern
Credence Analytics Pvt Ltd

Jun '23 - Nov '24
Mumbai, IN

I contributed to the **development** of **MercuryFx**, a **Node.js**-based product that includes a browser-based customer foreign exchange transaction workflow management solution. MercuryFx is **utilized in every foreign exchange transaction**, assisting the organization in enhancing its Money Changing Process efficiency. Additionally, I manage the database using **Oracle**.

KEY SKILLS

`Python` `Java` `Linux` `SQL` `C++` `Operating Systems` `CI/CD & Automation: Jenkins` `REST/RESTful APIs`
`Data Structures and Algorithms` `Github`

PROJECTS

Microservices App | Java, Microservices, MySQL, PostgreSQL, MongoDB
Dec '23 - Dec '23

I created a project using microservices, focusing on implementing a **microservices architecture** with Spring Boot. Additionally, I integrated **Okta** for **secure user authentication**, offering **cloud software** to **enhance identity controls** within the applications. *source_code*

TODO Application | Spring Boot, ReactJS and MySQL
Nov '23 - Nov '23

It is web application developed using HTML, CSS, Spring Boot and ReactJS.

Managed the entire development and deployment on **AWS**, ensuring **secure access** with features like **task creation and editing**. A notable feature of this app is that when user registration is successful, they are **automatically redirected to the application**. Another feature allows users to **select a date for a task**; once a task is completed, users can **mark it as done**. Additionally, users can **search for tasks** based on completion status **by applying filters**.*source_code*

Note Taking API | Node.js, Express.js, and MongoDB
Oct '23 - Oct '23

I Developed a RESTful API for a simple note-taking application using Node.js and Express.js, with MongoDB as the database. Implemented JWT authentication for a highly secure login process. Also User passwords are stored in an encrypted format, prioritizing the utmost security. The API should allow users to create, retrieve, update, and delete text notes.*source_code*

EDUCATION

PG - Diploma in Advanced Computing
Centre for Development of Advanced Computing (C-DAC)

Sep '22 - Mar '23
Mumbai, India

Percentage: 65.50

B.E in Mechanical
Sinhgad Institute Of Technology, Pune

Aug '15 - Jul '19
Pune, India

CGPA: 6.96

EXTRACURRICULAR ACHIEVEMENTS

- Received **Gold Badge** for Problem Solving on HackerRank with 5-star ratings. HackerRank
- **GATE-2020 Qualified**, organized by **IIT Delhi**, with a GATE Score of 321.