

Vaibhav Misra

| Springboot, React JS, C++, Azure, AWS |

About Me

Software Engineer with around 3 years of experience designing high performance systems supporting swap trading business. I have keen interest in designing highly scalable, robust and durable systems using the modern technological stack while keeping the code quality high. I enjoy solving challenging problems pertaining to programming algorithms.

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Experience

Software Engineer

Wells Fargo — [Springboot](#) / [Apache Storm](#) / [Kerberos](#) / [Apigee](#) / [Solace MQ](#), [PubSub+](#) / [Deephaven](#) July 2022 - Present

- Designed real-time stream processing solution using Apache Storm for swap instrument pricing, reducing latency by 30%
- Implemented Real-time analytics dashboard using Deephaven to generate real-time price tables for financial instruments and plotting integration reducing frontend latency by 60%
- Improved job scheduling system for failover process by reducing total time taken by 50%
- Developed various tools to monitor Springboot processes including process health and logging
- Integrated Kerberos authentication and Apigee authorization for communication of type backend-backend and backend-frontend
- Streamlined CI/CD process and automated the release process, reducing release time by 40%

Intern

Uniqode — [Angular JS](#) / [JWT](#) / [GitHub Actions](#) / [REST](#) Feb 2022 – July 2022

- Improved user experience by designing user interfaces using Angular JS and integrated backend services using JWT authentication

Intern


Wells Fargo — [Django](#) / [Docker](#) / [REST](#) / [Neo4j GraphQL](#) May 2021 – July 2021

- Developed a Machine Learning model to identify Money Laundering transactions using clustered algorithms

Education

National Institute of Technology (NIT) Durgapur July 2018 – July 2022
Bachelor of Technology (B. Tech) - Computer Science and Engineering (CSE) 9.14 CGPA

Projects

Split  — [Java](#) / [Springboot](#) / [Lombok](#) / [Jackson](#) / [Spring JPA](#) / [PostgreSQL](#) / [REST](#) / [React JS](#) / [Docker](#) / [AWS EC2](#)

- A better Splitwise that offers more than just splitting the bill
- Get the next recommended person for a payment in the group
- Add trust level for each person to simplify the bill splitting better

Achievements

- Class X — 10 CGPA
- Class XII — 93.2%
- JEE Advanced — AIR 8062
- JP Morgan Chase — Rank 2 in Code for Good Hackathon

Certificates

- Microsoft Azure Fundamentals (AZ-900)