Vinayak More

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SKILLS

Programming: Java, JavaScript, TypeScript, SQL, Shell Scripts, Design Patterns, Problem Solving, Data Structures.
Frameworks: Spring Boot, Angular, React, Mockito, Java Messaging Service, Microservices.
Tools: Maven, Gradle, MySQL, Sybase DB, SQL Server, TeamCity, Jenkins Pipeline.

WORK EXPERIENCE

Morgan Stanley | 💼 Software Engineering III | 📅 *April, 2022 - Present* | 📍 Mumbai

- Working as an individual contributor and team lead in the development, design, and delivery of a patented product focused on sustainable investing, managing net assets worth **$50Bn+.**
- Working in close collaboration with Product Managers, UX Designers, and QA engineers to ensure high-quality deliverables are completed on time.
- Providing mentorship to junior developers and participating actively in the coding interview process for new hires.
- **Technologies:** Java 8, Angular 14, Spring Boot, Hibernate, MSSQL, Shell Scripts, Microservices.

JP Morgan Chase | 💼 Associate | 📅 *May,2019 - April, 2022* | 📍 Mumbai

- Played a vital role in the design, development, delivery, and L3 support of a globally utilized application processing ~**1.5Mn** security market orders and executions per day.
- Migrated a legacy Windows application to a web application utilizing React, Web Sockets, Message brokers, and REST API in a Java-Spring Boot web app, optimized for low latency to display live market order status.
- Integrated the LMAX Disruptor to manage a high volume of market orders and trade executions efficiently.
- Utilized Google Protobuf for microservice-to-microservice communication, significantly reducing network data transfer by **60%** and CPU usage by **40%**, while ensuring data consistency.
- **Technologies:** Java 8, React JS, Spring Boot, Google Protobuff, Microservices.

Infibeam Avenues | 💼 Software Engineer | 📅 *July, 2015 - May, 2019* | 📍 Mumbai

- Played a key role in migrating an existing legacy application from Google Web Toolkit (GWT) to a Vaadin and Spring Boot-based application.
- Contributed to the transformation of a standalone application to a domain-based microservices architecture, integrating components via REST APIs and Message Brokers.
- **Technologies:** Java 8, Spring Boot, Hibernate, MySQL, Jenkins.

PROJECTS

Expense Manager | ⚙ /expense-manager

- Developed a free, offline, and ad-free personal expense manager Android application to track daily expenses.
- Leveraged Angular for the user interface and Capacitor JS for utilizing the Android device's local SQLite database.
- Ensured data locality and privacy by avoiding server-side components and cloud storage, keeping data strictly on the user's device.
- **Technologies:** Android, Angular, Capacitor JS, SQLite Database.

Transport Invoice Manager | ⚙ /invoice-manager

- Enabled transport vendors to transition from paper-based invoicing and driver attendance cards to a digital system that tracks all details within the application.
- Built a standalone application to manage data related to the vehicle fleet, drivers, trips, and invoices for a transport service vendor.
- **Technologies:** React, Redux, Java 8, Spring Boot, Hibernate, H2 Database.

EDUCATION

Sardar Patel Institute of Technology, Mumbai, Maharashtra, India.
*Bachelor of Engineering (**B.E.**) in **Computer Engineering**, May 2015*