

VRUSHANK PATEL

Software Development Engineer

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EXPERIENCE (4+ years)

NASDAQ

Nov 2022 – PRESENT

Senior Software Developer

Bangalore - IN

- Working as a full-time Senior Software developer for NFF (NASDAQ Financial Framework), a technology platform that provides end-to-end solutions to financial infrastructure providers such as exchanges, clearing houses, central securities depositories, banks, and brokers.
- As a Senior software developer at NASDAQ, my responsibilities include.
 - Develop, maintain, and enhance the NASDAQ financial framework's Trade matching engine component, MME.
 - Work with other engineers to design, implement, and test new features.
 - Requirements analysis, coding, unit testing, and doing PoC of the new technologies that can improve the development streamline process.
 - Conduct the code reviews and provide feedback to other developers.

Capsystematic Technologies Pvt Ltd.

Dec 2019 – Nov 2022

Software Developer

Bangalore - IN

- Worked on capital markets software development. Mostly worked on analyzing, programming, unit testing, and documenting of software components and features. Mostly worked on Java, Spring Boot, Python Flask, Informix, Docker, Apache Camel, Apache CXF, Orika, and Mapstruct.
- Zeus-GPI** (General process interface) - Developed critical SOAP and REST services and delivered ESB-based solutions for delivering messages (like Swift MT and MX) from and to multiple different endpoints (like DB, MQ, SOAP, HTTP, Filesystem).
- CMS (Card Management System)** - Migrated the project from old (ProC code written in the year 1993) code to new Java-based code with the new and rich features of Spring boot and Spring cloud. Developed REST services for corporate cards and Payments for back office that serves both Acquires and Issuers and is typically used by banks and payment service providers.
- Tool-suite** - Designed and developed an automation tool that generates the code (POJOs and Mappings) from SQL procedures and Swift MT and MX messages.

Capsystematic Technologies Pvt Ltd.

Sept 2019 – Dec 2019

SDE Intern

Bangalore - IN

- Worked with the Software engineering team for three months on fintech software development for financial and banking solutions with Java-based technologies.
- Employee attendance management system: Designed Employee attendance management system, using Java, JDBC, and MySQL.

SKILLS

Programming language - Java, Python

Libraries/Frameworks - Spring Boot, Flask, ReactJS (Basic)

Databases – MySQL, Informix

VCS – Git, Mercurial, Kallithea SCM

Other - Reactive Microservices, Pub-Sub, Docker, Kubernetes, Glasnost Orika, Mapstruct

EDUCATION

Apollo institute of Engineering (Gujarat technological university)

Ahmedabad IN

B.E. – Information Technology (CGPA – 8.24)

Jul 2015- May 2019

Main coursework: Data Structures, Design, and Analysis of Algorithms, Systems Design, RDBMS, Operating Systems, Software Engineering, Artificial Intelligence, Internet of Things.

MAJOR PERSONAL PROJECTS

[MAXINE](#), [COMPLEXICA](#), [QUORTEX](#), [More..](#)