

Arvind Panwar

Senior Software Engineer (7+ years)

Full stack Java developer and hands on Python experience

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WORK EXPERIENCE

Senior Software Developer Nomura

08/2016 – Present

Investment Banking - Market Risk domain

Mumbai, IN

Responsibilities/Tasks

- Next-gen global Market Risk platform development.
- Innovative tools - Inception of ideas to delivery.
- Performance optimization, critical & complex bug fixes.
- Big Data technologies, Java 8, ActivePivot, etc.

Software Developer Crypt Technology

10/2013 – 08/2016

IT Services

Responsibilities/Tasks

- Overall end to end development.
- Analyzing business requirements.
- Analysis of overall system and optimization.

Software Developer Global Infinite Technologies

08/2012 – 10/2013

IT Services

Responsibilities/Tasks

- Core developer of multiple Java based projects
- Enhancements of in-house products

TECHNICAL SKILLS

Programming Languages

Java, Python

Frameworks

Spring Boot, Hibernate

Analytics

ActivePivot, Excel, Pandas

Tools

Jenkins, IntelliJ, Git, Dremio

Databases

SQL Server, Oracle, Postgres, SQLite

SKILLS

Java

Python

Distributed Systems

Market Risk

Full Stack Developer

SQL

KEY PROJECTS

IMA - Nomura

- Implementation of IMA (Internal Model Approach).for calculating Value at Risk
- Composed of 3 modules - Data Layer, Engine and Aggregation Tool.
- Performance optimizations, critical & complicated bug fixes.
- Technologies: Java, Python, MapR, Dremio, ActivePivot, Spring Boot.

PLA - Nomura

- Implementation of PLA (PnL Attribution) for back testing of calculated PnL vs actual PnL.
- Composed of 2 modules - Data Layer and Aggregation Tool.
- Technologies: Java, Python, MapR, Dremio, ActivePivot, Spring Boot.

Ad Catch - Crypt Technologies

- Advertisement analyzer tool to get marketing insights.
- Keeps track of ads/budget allocated by the peers.
- Worked in data analysis functionalities and reporting.
- Overall system optimization.
- Technologies - Java, J2EE, Struts, Hibernate, Web Services

EDUCATION

Bachelor of Technology (CSE)

JIET, Jodhpur

07/2008 – 06/2012