

Pankaj Arora

Software Developer

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in/thispankaj



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EXPERIENCE

Amazon, Bengaluru

Dec 2022 – Mar 2023

Software Development Engineer 2

IHM Payments

- Worked as part of the team that developed and maintains all **payment infrastructure** in Amazon physical stores (**Go/Fresh**) and other third party **JustWalkOut** stores.

ION Trading, Noida

July 2016 – Nov 2022

Software Developer

Acuris Xtract

- Document management using **AWS S3**, and **MongoDB** with real-time integration with Microsoft **SharePoint** using Microsoft Graph API, **RestAPI**, and **webhooks**.

ARC (Agregation and Reporting)

- **Improve performance** of SQL queries **by 80%** by implementing configurable multi-column indexes on in-memory data.
Using **XML** to provide configuration of data model and index and **Java** for implemntaiton on server.
- Automated release of clients facing and internal documentation from version control using **WordPress**, **Python**, and **Docker**.
Removed the delays in solution release by automating the documenation reviews.

ION-FX STP (WSS FX)

- Developed back-office STP (Straight Through Processing) solution for FX trades using **Java**, **Hibernate**, and **MySQL**.
Involved from the initial analysis, development to client deployments and monitoring for the solution.
- Automated the client deployments and monitoring for the solution using **Jenkins**, **Ansible** and **Nagios**.
Reduced the deployment time **by 70%** on client environments (both linux and windows machines).
- Release Management Tracking Portal
Initiated, analysed, and implemented an internal portal for product management to visualise, track, and create client releases using **Python**, and **Django**.
Provided easy deployment using **blue-green deployment** methodology.

Foreign Exchange Sales Portal

- Implemented the low latency multi-threaded application to stream and aggregate prices from liquidity providers using **Java**. Responsible for setup of the CI pipeline using **Docker** and **Jenkins** on AWS.

EDUCATION

Delhi Technological University

2012 – 2016

Bachelor of Technology

Mathematics and Computing Engineering

PROJECTS

Secrets Managaer Android & iOS App

Developed a **Flutter** application for storing and backup of personel and sensitive information.

SKILLS

Coding

Java Hibernate Guice
JUnit HTML TypeScript
Python Flutter Svelte

Tools & Technologies

Linux Windows MacOS
IntelliJ Visual Studio Code
Git SVN AWS
Docker Jenkins Ansible
Maven npm Figma

Industry Knowledge

Design Patterns
Test Driven Development
Performance Benchmarking

Project Management

Jira Confluence
Agile Scrum

PASSION

Learning new technologies

Trying different cuisines