

Pankaj Arora

Software Developer

+91 9013503966



pankajarora94@outlook.com



in/thispankaj



thispankaj.com



EXPERIENCE

ION Trading, Noida

Software Developer

July 2016 – Present

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** methedology.

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, Delhi
Bachelor of Technology
Mathematics and Computing Engineering

2012 – 2016

PROJECTS

Secrets Managaer Android & iOS App

Developed a **Flutter** application for storing and backup of personel and sensive 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