Pankaj Arora
Software Developer

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EXPERIENCE

ION Trading, Noida
July 2016 - Present
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** 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
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 senstive information.

SKILLS

Coding

Java	Junit	Hibernate
TypeScript	HTML	AngularJs
Python	Flutter	Svelte

Tools & Technologies

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

Industry Knowledge
Multithreading
Design Patterns
Test Driven Development

Project Management

Jira	Confluence
Agile	Scrum

PASSION

Learning new technologies

Trying different cuisines