

# Pankaj Arora

Software Developer

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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 multithreaded 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	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