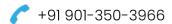
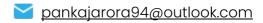
Pankaj Arora







EXPERIENCE

ION Trading, Noida

July 2016 - Present

Software Developer

 Improve Performance of Queries on In-Memory Data Implemented configurable multi-column indexes on in-memory data to improve performance of SQL queries by 80%.

Using XML to provide configuration of data model and index and Java for implemntaiton on server.

Seamless release of Documentation to Clients

Migrated all client facing and internal documentation to version control. Automated the documentation review and upload to wordpress environment using Python, and Docker.

Removed the delays in solution release due to documenation reviews.

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, and Hibernate. Responsible for setup of the CI pipeline using Docker and Jenkins on AWS (EC2 and ECS).

Straight Through Processing Solution

Involved from the analysis, development to client deployments and monitoring for the solution.

Developed the back-office STP solution for FX trades using Java, Hibernate, and Guice.

Reduced the deployment time by 70% on client environments (both linux and windows machines) using Ansible and Jenkins.

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

Hibernate Guice Java **TypeScript** Junit HTML **Flutter** Python

Tools & Technologies

<u>Linux Windows MacOS</u> IntelliJ Visual Studio Code Git **SVN AWS** Docker Jenkins Ansible <u>Maven</u> <u>npm</u> <u>Figma</u>

Industry Knowledge

<u>Design Patterns</u> <u>Test Driven Development</u> Performance Benchmarking

Project Management

<u>Jira</u> Confluence <u>Agile</u> Scrum

PASSION



Learning new technologies



🔰 Trying different cuisines