Pankaj Arora

Senior Software Developer
Development Manager

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EXPERIENCE

ION Trading
Gurugram, Feb 2023 - Present

Senior Software Developer & Development Manager in DBX
- Digital banking application to provide core banking as a service.
- Developed **products marketplace** for retail and corporate customers of the banks with self purchase and appointment booking process.
- Automated Loan approval workflow using **Kogito BPMN and Quarkus** applications.
- Automated deployment of Quarkus Java applications in Kubernetes clusters.

Senior Software Developer in Acuris Xtract
- Responsible for development, deployment and maintenance of public Xtract application on **AWS** and **Redhat OpenShift**.
- Keyword based search on documents and deals using **OpenSearch**.
- Document matching and approvals using custom tokenization of document content.
- Document management using **AWS S3**, and **MongoDB** with real-time integration with Microsoft **SharePoint** using **RestAPI**, and **web-hooks**.

Amazon
Bengaluru, Dec 2022 - Mar 2023

Software Development Engineer 2 in IHM Payments
- **Payment infrastructure** for Amazon (**Go/Fresh**) and third party **JustWalkOut** stores.
- Affected by layoff of whole India vertical **due to restructuring** of business.

ION Trading
Noida, July 2016 - Nov 2022

Senior Software Developer in ARC (Agregation and Reporting)
- **Improve performance** of SQL queries **by 80%** by implementing configurable multi-column indexes on in-memory data.
- Automated release and review of clients facing and internal documentation from version control using **WordPress**, **Python**, and **Docker**. **Reduced delay** in solution release **by 90%.**

Software Developer in 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**, and **Ansible. Reduced** the deployment time **by 70%** on client environments.
- Release Management Tracking Portal
  Provided an internal portal for product management to create and track client release packages using **Python**, and **Django**.

Software Developer in Foreign Exchange Sales Portal
- Low latency **micro-service** application to aggregate prices from liquidity providers using **Java**. Responsible for CI pipeline setup using **Docker** and **Jenkins** on AWS.

EDUCATION

Delhi Technological University
Bachelor of Technology
Mathematics and Computing Engineering
2012 - 2016

OTHER RESPONSIBILITIES

Leadership & Team Management
- **Leading** a high-performing **global development team of 20+ engineers**, driving seamless collaboration across multiple time zones to ensure efficiency and innovation
- Mentoring and empowering team members, fostering a culture of **ownership, and continuous learning**
- Spearheading cross-functional initiatives to enhance development workflows, optimize delivery timelines, and maintain high-quality standards

Recruitment & Campus Placement
- Designed and executed a strategic hiring initiative, conducting per-placement webinars across **15+ colleges**, engaging with **1,000+ students** to attract and onboard top-tier talent
- Developed and implemented standardized online **assessments using HackerRank**, utilized organization-wide to streamline recruitment for both graduate and experienced candidates. These assessments were taken by **1,000+ applicants**, ensuring a data-driven and merit-based selection process.

SKILLS

Java, Junit, Quarkus, Kogito, TypeScript, JavaScript, Python, AWS, Linux, IntelliJ, Visual Studio Code, Docker, Ansible, Jenkins, Maven, Git, SVN, GitHub, Gitlab, Design Patterns, Multithreading, Test Driven Development (TDD), Jira, Agile, Scrum, C4 Models, PlantUML