

Pankaj Singla

✉ pankajsingla.personal@gmail.com

☎ +91-9350006933

🌐 LinkedIn

🐙 Github

Profile

Skilled Professional Developer with expertise in Application Development and Bigdata technologies in FinTech and Telecommunication domain.

Skills

Programming Languages

Java, Python, Go, C++

DevOps /Agile

Jira, GitHub, BitBucket, Jenkins, Airflow, Kubernetes

Concepts

Web Applications, Microservices, Big Data, Multi-Threading

Databases

MySQL, Postgres, MongoDB, Redis

OS

Linux, MacOS, Windows

Education

Bachelor of Technology,

IIT Roorkee, Uttarakhand

July 2017 – May 2021 | Roorkee, India

- Electronics and Communication Engineering, CGPA : 7.345
- Head of Promotions at Srishti (2020)
- Member of Artificial Intelligence and Electronic Society, IITR (2018-2019)
- 2nd in Srishti(Tech. Fest) Exhibition at Models and Robotics Society, IITR (2018)
- Secured AIR 1092 in JEE Advance 2017

Work Experience

Senior Software Engineer, Airtel International LLP

February 2024 – present | Gurugram, India

- **Airtel Money** : Developed and maintained batch ETL pipelines solutions on CDP using Java and Spark, processing data in Parquet and ORC formats.
- Implemented and manage jobs for data ingestion from sources (i.e. Relational DBs, Kafka, File Systems) to datalake on CDP.
- Automate and orchestrated data workflows using Apache Airflow, Cron jobs and bash scripts.
- Data Analysis for identifying solutions of problems. For testing and Sanity of pipeline.
- **Tech Involved** : Java, Python, SQL, Spark, PySpark, Hadoop, Hive, Trino, DBeaver, MongoDB, PostgreSQL, IntelliJ, PyCharm, BitBucket, Airflow, Jenkins

Software Engineer, Société Générale Global Solution

July 2021 – October 2023 | Bangalore, India

- **Report Generation Application** : Migrating existing Monolithic Legacy Application to Microservices. Developed cloud-native microservices using Java SpringBoot. Written TDD(Junit) as well as BDD(Cucumber) test cases. Configuring OAuth, Grafana.
- **RWA Calculation** : Calculation of Risk Weighted Asset using an event-driven microservice application with asynchronous communication via RabbitMQ.
- **Code Upgradation** : Improving Code Coverage, Migrating existing services from VMs to Cloud, Implementation of Vault, Removing SQL Injections, duplications from codebase etc.
- **Tech Involved** : Java, SpringBoot, SQL, Teradata, Postgres, IntelliJ, GitHub, Lens, Rancher, Jenkins, Grafana

Project Trainee, Envestnet Yodlee, Bangalore

May 2020 – July 2020 | Remote, India

- **Reccurence Detection** : Determining recurrent transactions on credit cards using transaction description. Used Python with Text Analytics techniques to make keywords-frequency map and keyword-weight map and used it to implement solution.