Pranjal Gore

Software Engineer, Falabella
MTECH, VJTI

PERSONAL INFO

Date of Birth
01 – Jan – 1991

Phone
+91 89831 89247

E-mail
pranjalgore@gmail.com

Website
https://pranjalgore.com

SKILLS

- SpringBoot
- Hibernate
- Resilience4J
- Bigquery
- Cloud Functions
- Cloud SQL
- Cloud Storage
- Pubsub
- Blutooth Low Energy
- Hibernate
- Flyway
- Testcontainers
- JUnit
- RESTful Web Service
- JSON Web Token (JWT)
- Gradle
- Git
- CI/CD

Senior Software Engineer with more than 5 years of experience. Proficient in Cloud Technologies like Docker, Kubernetes and HELM. Experience with Spring Boot, GCP, React Native and Distributed Systems. Have worked in Digital Payments, Bluetooth Low Energy, Network Cloud Automation & E-Commerce domains.

EXPERIENCE		
	Mosambee	Software Engineer Sep 2017 – April 2019
	Samsung Research Institute, Bangalore	Senior Software Engineer May 2019 – Feb 2021
	Falabella	Senior Engineer Mar 2021 – Present

PROJECTS

NAME	DESCRIPTION	TECHNOLOGIES USED
Core Order Orchestrator	Order Management System This microservice manages everything related to order, right from converting a cart to an order to managing returns and cancellations and processing the refunds for the customers	Java 11, SpringBoot, K8S, HELM, Gitlab CI/CD, Hibernate, JPA, Gradle, Resilience4J, Postgresql
Bigquery Starter Kit	A Bigquery starter kit written in Java that reads JPA Annotations and can dynamically create Bigquery queries and map the result to the entity classes. This is a custom ORM for Bigquery written in Java 11	Java 11, Bigquery, Java Reflection, Java Generics, Gradle
Migration Cron Job	A Cron Job that can be used as a service to migrate data from any database to Bigquery. This cron job is deployed as a pod in a k8s cluster using HELM Chart	Shell Script, Postgresql, Bigquery, K8S, HELM
State Machine	A finite state machine that handles order status throughout the entire order journey. Completely configurable according to the consumer and totally event based. Capable of handling ahead of time events	SpringBoot, Java 11, Hibernate, Spring Integration, Postgresql
SNMP Simulator	Simulator for Juniper/Cisco Switches that can mimic SNMP and Netconf behavior of a real switch. Can have a configurable topology between the devices.	Python, Shell Script, SNMP, Netconf
BLE Scanner	React native app that can scan existing BLE peripherals in the surrounding, in real time, and can read advertised data like RSSI, UUID etc	React Native, SQLite, Bluetooth Low Energy
CLEO – A Loan Collection System	REST API, AXIS Bank Web Collect and Credit API Integration for sending and receiving payments via UPI, Bharat QR and UPI QR generation	Maven – parent and child pom, Spring boot, Spring AOP, Hibernate, Authentication by Bearer Schema using JWTs, Swagger, ZXing for QR Generation

EDUCATIONAL QUALIFICATION

Qualification	University/Board	School/College	Year	Stream	Percentage
M. Tech	Mumbai University	VJTI, Mumbai	2015 - 2017	Software Engineering	7.8
PG Diploma in Advanced Computing	Center of Development of Advanced Computing	CDAC ACTS, Pune	2015	PG DAC	B
BE	Dr BAM University, Aurangabad	PES College of Engineering, Aurangabad	2009 - 2013	Computer Science and Engineering	63.8
Class 12	Maharashtra Board	Vivekanand College	2009	Science	76.8
Class 10	CBSE	Kendriya Vidyalaya	2007	--	81.6

DESIGING EXPERIENCE

Project	Design Details	Design Patterns/Paradigms Used
Migration Cron job	Responsible for entire design and implementation of this cron job. The toughest task about this design was to keep the cron job generic and to avoid tight coupling with any of the services/domains and technologies. As a result, the single codebase can now be deployed in multiple clusters/regions and there is no tight coupling with any technology. The cron job is intelligent enough to recognize which JDBC driver to use to connect to the database. It can use MYSQL, Postgresql, MongoDB etc. Also, each deployment can have its own set of scripts that can be used for migration purposes.	Builder Pattern, Factory Pattern, Dependency Injection, Separation of Concerns, Factory Pattern, Runtime Polymorphism
Bigquery Starter Kit	This starter kit is a generic Java dependency that can be added inside a gradle project, and it provides a wrapper around the google bigquery library with some convenience methods. The major advantage of this starter kit is that it can map the result set into an Entity Class using Reflection and JPA Annotations.	Google-cloud-bigquery, Java library, PMD, Encapsulation, Abstraction
SNMP Simulator	The team was using multiple SNMP Simulators, each for different set of use cases. Each simulator came with its own set of commands and tips and tricks and DOs and DONTs. This made working with the simulator very tiring. I designed and developed a wrapper around all the simulators in such a way that the existing and new simulators could be used with this new wrapper framework.	Wrapper framework, Runtime Polymorphism, Dependency Inversion

Intellij Idea

Webstorm

PyCharm

Visual Studio Code

Adobe Photoshop

Adobe After Effects

Coral Draw

	This wrapper framework consisted of a uniform set of commands and error handling with error codes that were user defined. The uniform and consistent interface to access all the simulators presented an opportunity to use the wrapper with other applications as well. Integrated at least 3 simulators using the wrapper framework.	

TOP ACHIEVEMENTS

Appreciated by CEO of Mosambee as one of the top performing employees
All India rank 49th in CDAC common entrance test
Creative head, editing and drafting team, TecTrix 2013
Maharashtra state level honor, Bharat scouts & guides
State rank 1578, the 5th national cyber olympiad

POSITIONS OF RESPONSIBILITY

Mentor for a team of 4 people at Mosambee.
Class representative and placement coordinator for M. Tech. Software Engineering, class of 2015.
Head, Court of Honor, the Bharat Scouts & Guides.
Captain, football team of Kendriya Vidyalaya, Aurangabad.
House captain, Ashoka house, Kendriya Vidyalaya, Aurangabad.