Gourav Chakraborty

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WORK EXPERIENCE

Federal Bank
Assistant manager (Systems - **FedMobile/UPI**)
Aug 2023 - Present @Bengaluru, India

- Working as a Project Lead for the FedMobile App, focusing on UPI **Lite** and **UPI International** Modules (**UPI-PayNow FIR and FOR**).
- High-Level System Design (API Gateway Pattern) with KPI optimization.
- Developing **Responsive web pages** and components that can be rendered seamlessly in **Android WebView** and **iOS WebKit**, enabling rapid integration with Mobile App.
- Designing/Developing mobile-based web application as **UPI PSP** Microservices, utilizing **Java**, **Spring Boot**, **React, Flutter, GCP**, IBM DB2, **Oracle SQL**, **JavaScript**, **Kafka**, **MQTT**.
- Incorporating **Redis** as an in-memory data store for caching and improving application performance.
- Collaborating with cross-functional teams to gather requirements and ensure timely project delivery.

GlobalLogic Hitachi
Software Engineer(Google DevShop - Federal Bank)
Sep 2022- June 2023 @Bengaluru, India

- Develop and maintain services for a microservices-based system using **gRPC** and **Springboot.**
- Created gRPC servers in Spring Boot applications using the **gRPC-Java** library to bind to a specific port and handle incoming gRPC (API) requests.
- Setup Data access layer with **Hibernate** on Spring data JPA.
- Applied principles of **domain-driven design (DDD)** and implement bounded contexts to define clear boundaries and responsibilities.
- Integrated with cloud-native service **Google Cloud Functions** for enabling efficient execution of event-driven and background tasks.
- Created **Dockerfile** to generate harden docker images.
- Configured CI/CD pipeline in **GCP's GoogleKubernetes** Engine using **Cloud Build.**
- Implemented service monitoring and logging using **Grafana** and **Prometheus**.

Infosys
Systems engineer (Charles Schwab)
July 2021- Sep 2022 @ Hyderabad, India

- Worked as a Java full-stack developer on **SpringBoot (**MVC/IOC/ ORM/ Hibernate/ AOP/BATCH/ WEBFLOW/ Context) and **React js** for UI.
- Implemented **RESTful APIs** for a payment portal.
- Wrote Hibernate classes, DAO's to retrieve & store data, configured **hibernate** files.
- Performed unit testing using **Junit, Mockito** and **Jasmine.**
- Created and pushed Docker images to **Amazon Elastic Container** Registry (**ECR**) on **AWS**, facilitating easy and scalable deployment of the application in a containerized environment.

AMAZON Dev. Centre
Analyst L3 (RA Var ops)
Nov 2020 – June 2021 @ Hyderabad, India

- Release and Deployment of configurations to the production/test environment.
- Diagnose application issues using Java debugging tools and analyze logs to identify root causes.(**Java Flight Recorder/Java VisualVM)**

TECHNICAL SKILLS

- **Programming/Query languages -** Java, JavaScript, TypeScript, HTML, CSS, PostgresSQL, My-SQL Linux/unix, mongoDb, Oracle DB

- **Frameworks and libraries –** gRPC, Springboot, Angular, React, Bootstrap, Hibernate, node.js , Quarkas

- **DevOps/Tools –** Jenkins, Spinnaker, Git , Maven, AWS, Oracle weblogic, Docker, JIRA, Kubernetes, Kafka, GCP, Terraform, AWS, Redis, Oracle WebLogic , Jboss.

CERTIFICATIONS

- SkillSoft Certified
  Complete java11 professional certifications

- Atlassian Certified
  Jira fundamentals

- Google Cloud Certified
  Associate Cloud Engineer

PROJECTS

Interactive Dashboard

- Web Application built with **Nodejs**,**Mongo** and **React** managing all the tasks and activities of a student.

- Built dashboard for analysis of tasks. It involved designing **RESTful APIs** and implementation using **ExpressJs**, designing an authorization model, developing user interface using **React.**

TATA technologies (Internship)
May 2018 - Aug 2018 @Pune, India

- Worked for TATA motors business finance analytics team.
- The project involved designing and development of interactive dashboard using **React**.
- Implementing **Extract Transform Load (ETL)** Jobs using **Python** and writing SQL queries to import and export the data.

EDUCATION

B.Tech. (CS) 8.63 GPA*
Kalinga Institute of Industrial Technology
Bhubaneshwar June 2016 – June 2020