

# Ravinder Sokhal

Bengaluru, India

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## Work Experience

### Goldman Sachs

Bengaluru, India

Associate

April 2024 - Present

- **Automated** the Fed report generation process for multiple reports to enhance efficiency and accuracy.
- Collaborated with the Controllers Division to understand and **document requirements** for automating report generation.
- Utilized **AWS CDK** to setup infrastructure for ETL job, **Snowflake** for data storage, **Java Spark** library to perform transformations and **Axiom** for reporting.
- Worked on development and optimization of **CCAR (Comprehensive Capital Analysis and Review)** annual report generation platforms, incorporating components such as CaSTLe, Repo, and Tracer.
- Designed and implemented a consumer barrier API to **automate batch version creation** for spot data ingestion across multiple datasets, increasing data accuracy and reducing manual effort by 30%.
- Diagnosed and resolved a **persistent data visibility issue (snapping issue)** where updates were only reflected post-server restart, implementing a permanent fix that improved user productivity by 25%.
- Led the onboarding of new workstreams into the CCAR platform based on evolving requirements from Controllers, enhancing scalability and adaptability for business needs.
- Initiated and resolved multiple **ICCR findings** across CCAR platform components, enhancing compliance and system robustness.
- Delivered critical solutions for high-priority issues during the annual **CCAR cycle** as part of **support** rotations, ensuring uninterrupted operations under tight deadlines.

### Oracle

Bengaluru, India

Member of Technical Staff

July 2021 - April 2024

- Worked for the Dataplane Service, an **Oracle Cloud Gen 3** component slated to host the infrastructure for over 40 OCI services within **Cell Architecture**.
- Developed **cell assignment strategies**, like **hashing**, **round-robin**, **least-used**, and **shuffle sharding**, utilising the **Template Pattern** to allocate cells for incoming resource creation requests within the Cell Architecture.
- Independently spearheaded the Proof of Concept (POC) for **Resource Migration** within the Cell Management Component of the Gen 3 platform.
- Created an API allowing OCI services, integrated into the OCI Gen 3 platform, to execute operational tasks on their deployments with abstracted complexities. Applied the "**Factory Pattern**" to implement 7 predefined operational tasks.
- Independently implemented a **retry service** library used by 3 OCI services for effective code retry within Workflow Service.
- Worked on the control plane side of **Oracle Graphql Service**, this service is an initiative to provide mobile and web development users a single Rest endpoint to query their database, like Hasura.

## Education

### Motilal Nehru National Institute of Technology Allahabad

Prayagraj, India

BTech in Computer Science and Engineering, CPI : 8.47/10.00

July 2017 - 2021

### Kendriya Vidyalaya

Gorakhpur, India

XII, CBSE Board, 94%, Specialised in Physics, Chemistry, and Maths with Computer Science

Apr 2014 - Apr 2016

## University Projects

### Reusable Component Repository (Backend) (UI)

- A web application application for inventory management of software components in the repository.
- **Tech Stacks:** Java(J2EE), Spring boot, maven, React, GCP cloud SQL, GIT, JWT

## Skills

**Programming** Java (Advanced), C++ (basic), typescript (basic), SQL.

**Technologies** AWS CDK, Oracle Cloud Infrastructure, Kubernetes, DropWizard, Java Profiling, Bash, Spring, Maven, Git.

## Achievements

- Partnered with U.S.-based controllers to support the CCAR cycle, delivering seamless operational assistance. Received commendation from the Managing Director of CCAR Controllers for exceptional performance and commitment.
- Earned commendable feedback and strong recommendations from Consulting Members of Technical Staff to work on Oracle's priority initiatives.
- JEE Advanced AIR 6163, JEE Mains AIR 3605 (2017)