Ravinder Sokhal

Bengaluru, India

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Work Experience

Amazon   *Bengaluru, India*
Software Developer 2, L5   *June 2025 - Present*

- Joined the Checkout experience team.

Goldman Sachs   *Bengaluru, India*
Associate   *April 2024 - June 2025*

- **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 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, SQL, GIT, JWT

Skills

Java (Advanced), C++ (basic), typescript (basic), **AWS CDK**, **Oracle Cloud Infrastructure**, Kubernetes, Spring, DropWizard, Spark, Snowflake, SQL, REST, Java Profiling, Bash.