

Ravinder Sokhal

Bengaluru, India

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Personal Profile

I am currently employed in the Developer Services Team, OCI (Oracle Cloud Infrastructure) division, at Oracle, holding the position of Member of Technical Staff. I am passionate about cloud technologies, specializing in designing and implementing scalable applications.

Work Experience

Oracle Cloud Infrastructure

Bengaluru, India

Member of Technical Staff

July 2021 - Present

- Worked for the Project Bee, an OCI Gen 3 component slated to host the infrastructure for over 40 OCI services within **Cell Architecture**.
- Developed and deployed 3 **cell assignment strategies** utilising the **Template Pattern** to allocate cells for incoming resource creation requests within the Cell Architecture.
- Explored and applied **hashing, round-robin, least-used, and shuffle sharding** techniques for cell assignment, optimising cell utilisation by 15%.
- Utilised **Kubernetes API Client SDK** in Java to enable OCI services for operational tasks on their deployments. Applied the **"Factory Pattern"** to implement 7 predefined operational tasks.
- Independently implemented a **retry service** used by 3 OCI services for effective code retry.
- Executed **integration** and **unit testing**, achieving a minimum of 100%-line coverage.
- Engaged in **code reviews, testing, and infrastructure setup** for cloud services, contributing to a 10% improvement in development workflow efficiency.
- Contributed insightful content to the **Oracle blog community**, leading to a 10% increase in blog engagement.
- Delivered a **presentation** on **Java Profiling** to the **Developer Services team**, receiving positive feedback and contributing to a 25% increase in developer proficiency.

Education

MNNIT Allahabad

Prayagraj, India

BTech in Computer Science and Engineering

July 2017 - 2021

- CPI : 8.47/10.00

Kendriya Vidyalaya

Gorakhpur, India

XII, CBSE Board

Apr 2014 - Apr 2016

- 94%
- Specialised in Physics, Chemistry, and Maths with Computer Science

University Projects

Reusable Component Repository (Backend)

- A backend application using Java exposing a RESTful API for searching and inserting software components to the repository using Spring Boot as the framework.
- **Technical Skills:** Java(J2EE), Spring boot, maven, GCP cloud SQL, GIT, JWT
- **Soft Skills:** Time Management, Teamwork, Presentation skills, Report writing.

Skills

Programming Java(Advanced), C++(basic), python(basic), SQL.

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

Concepts Data Structure, Algorithms, System Design, Design Patterns.

Achievements

- Collaborated with a team of 7 IDC and 16 US developers in a project
- Developed a feature to enhance the user experience of performing operational tasks in OCI services.
- Participated in Google Kickstart round - C 2020, rank - 2117
- JEE Advanced AIR 6163, JEE Mains AIR 3605 (2017)