

RAVINDER SOKHAL

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Professional Experience

Oracle

Bengaluru, India

Member Technical Staff – Oracle Cloud Infrastructure Team

July 2021 – Present

- Developed and maintained **scalable** and **robust** code for Oracle's upcoming priority product. This product will reduce expense in building and managing OCI services.
- Designed and developed a feature using **Kubernetes API Client SDK** in **java**, which will allow OCI services to perform operational tasks.
- Single handedly implemented a **retry service** which is used to retry a piece of code with delays, jitter, max retry count and timeout. This code is being used by multiple OCI services to retry small pieces of code.
- 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.
- Performed **Integration testing** with mock clients and **unit testing** with **100 %-code coverage** for all my code.
- Participated in **code reviews** and provided constructive feedback to **enhance code quality** and maintain **best practices**.
- Extensively used Oracle **Cloud** Infrastructure in the team projects.
- Created project infrastructure to setup bastion for ssh to private servers using **Shepherd** and **terraform**.
- Contributed to **Oracle blog community** and gave **presentation** on **Java Profiling** to Developer Services org.

Education

Motilal Nehru National Institute of Technology, Prayagraj

July 2017 - May 2021

Bachelor of Computer Science and Engineering

CPI 8.47/10.00

Kendriya Vidyalaya, Gorakhpur

94%

XII, CBSE

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 framework.
- Used JWT for making the backend completely stateless and used GCP cloud SQL for databases.
- Tech used: **Java** (J2EE), **Spring boot**, **maven**, **GCP cloud sql**, **eclipse**, **git**, **jwt**

Skills

Languages: **Java** (advanced), C++ (moderate), Python (basic), Javascript (basic)

Technologies: **Oracle Cloud Infrastructure**, **Kubernetes**, **Java Profiling**, **Drop wizard**, **MySQL**, **Bash**, **Git**, **Docker**, **GCP**

Accomplishments

- **Collaborated** with team of **7** IDC and **16** US developers in a project.
- **Developed** a **feature** to enhance user experience of performing operational tasks in OCI services.
- Gave a **presentation** on **Java Profiling** and **analysis** to Developer Services org, **Oracle**.
- Participated in **Google KickStart** round - C 2020, rank – **2117**
- **JEE Advanced** AIR **6163**, **JEE Mains** AIR **3605** (2017)

Interests

Cloud • Data Structure • Algorithms • Coding • Sketching • playing Basketball.