# Ravinder Sokhal

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## EXPERIENCE

### Oracle, Bangalore — *Member Technical Staff*

July 2021 - PRESENT

Develop and maintain scalable and robust code for Oracle's upcoming priority product, ensuring high performance, reliability, and security. This product will reduce expenses in building and managing OCI services.

Developed a **feature using Kubernetes APIs** which will allow OCI services to perform operational tasks securely.

Performed **Integration testing** with mock clients and **unit testing** with **100 % line coverage** for all my code.

Participate in code reviews and provide constructive feedback to enhance code quality and maintain best practices.

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 (like call to other services) because it is faster than the workflow service retries currently used OCI services and is tailor made for OCI control plane applications.

Work 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.

Contributed to **Oracle blog community**.

## EDUCATION

**Motilal Nehru National Institute of Technology, Allahabad** Prayagraj — B.Tech(CSE), CPI : 8.47/10.00 **,** 2017 - 2021

**Kendriya Vidyalaya,** Gorakhpur — XII, CPI : 94% **,** 2015 - 2016

**Kendriya Vidyalaya,** Gorakhpur — X, CGPA: 10.0/10.0 **,** 2015 - 2016

## SKILLS

**Java**, Spring, Dropwizard, **Kubernetes**, Docker, Java profiling and analysis (**JFR**, thread dumps, heap dumps)
**OCI**(Oracle Cloud Infrastructure) - OKE, IAM, Object Storage

## PROJECTS

### Reusable Component Repository Backend
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A backend using Java exposing a RESTful API for searching and inserting software components to the repository using Spring Boot and Spring Security 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

### Reusable Component Repository Frontend
—

A web based frontend, where users can find reusable components by facet and attribute search, can login and insert their own components privately or for public and can search there components at a later time.

Tech used : Javascript, React js, Material UI, git

## AWARDS

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)