

# Karan Singh Bagga

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React & Java Developer with 2 years of experience building Enterprise-Level applications

## ✂ SKILLS

**Languages:** C++, Java, JavaScript, TypeScript, Python

**Frontend:** React (React.js), HTML, CSS

**Backend:** Spring Boot, REST APIs, SQL, Node.js

**Tools:** Linux, Git, Postman

**Software Development:** GitHub, Agile, Jira

## 📦 EXPERIENCE

### Oracle

#### Associate Software Developer

Hyderabad, Aug 2023 – Present

- Built the User-Interface (UI) for **Enterprise Management System** (Oracle Hospitality), from the ground up to production readiness, within **1.5 years**, using **React.js** along with **TypeScript**, ensuring responsiveness, and maintainability
- Developed and maintained User-Permissions related **CRUD APIs** for **Enterprise Management System** using **Java**, and **Spring Boot**, ensuring secure access control and seamless integration with front-end modules
- Fixed **30+ bugs**, over the course of 2 years, in Oracle Hospitality's Flagship product: **OPERA Cloud**, with Legacy Code-Base, involving **Java**, and **REST APIs** and **SQL**

#### Software Development Intern

Remote, Jan 2023 – Jul 2023

- Helped Standardize **developer Linux VMs** across the Oracle Hospitality Org, by upgrading the VMs from **Oracle Linux 7** to **Oracle Linux 8**, improving consistency and security compliance
- Addressed open logging-related issues within the internal **REST API** wrapper used in **OPERA Cloud**

## 🔧 PROJECTS

### RedditRefresh

*Source Code*

"RedditRefresh" is a Python Script that helps you Bulk **Delete**, **Cryptographically Hash**, **Encrypt** or **Decrypt** your Reddit posts or comments for better Privacy and Security

- Used **Python** with **PRAW (Python Reddit API Wrapper)** to develop the script
- Used **SHA-256**, **AES-Encryption** for privacy related features, ensuring reliable Hashing and Encryption of user data
- Received **40+ Stars** on GitHub from the Open Source community

### NoNoise LinkedIn

*Source Code — Chrome Webstore Link*

"NoNoise LinkedIn" is an **Open Source** Chrome extension that removes "**Suggested**" and "**Promoted**" posts, from your LinkedIn feed

- Used Vanilla **JavaScript** with **DOM Manipulation** and **JavaScript Events** along with **Chrome extension APIs** to build the extension
- Received **5 Star** rating, with **38+ active users** in less than a month on Chrome WebStore, post launch

## 🎓 EDUCATION

### B.Tech in Computer Science Engineering

Amrita School of Computing,

Bangalore, 2019 – 2023

Degree Certificate

- Published a **Research Paper** on **Blockchains** in Healthcare *Paper Link*
- Graduated with **First Class with Distinction** (8.2 CGPA)
- President at CodeChef - Amrita Bangalore Chapter. Technical Member at Google DSC, Amrita Bangalore