# 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, Node.js, REST APIs
**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**

**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