

# VIKRAM SINGH

## SOFTWARE ENGINEER

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Portfolio

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### Executive Summary

Innovative Full Stack Developer with over 3 years of experience in developing and managing robust applications within the telecommunications and healthcare sectors. Highly proficient in Java and Spring Boot, as well as ReactJS, with a strong focus on creating dynamic, responsive web applications. Demonstrates expertise in Oracle Database management, including SQL query optimization, data quality enforcement, and seamless integration with front-end technologies. As a skilled Java Developer, adept at applying AOP (Aspect-Oriented Programming) and SOLID principles, Spring security to enhance code modularity, maintainability, and scalability. Proven track record in defect resolution, RESTful web services implementation, and improving user engagement through cutting-edge technologies

### Technical Proficiency

- ❖ Programming Languages: Java, MySQL, PL/SQL
- ❖ Web Technologies: ReactJS, Redux, HTML, CSS
- ❖ Backend Development: Spring Boot, RESTful Web Services
- ❖ Database Management: Oracle DB, SQL Query Crafting, Triggers, Data Quality Rules
- ❖ Version Control: Git ,GitHub
- ❖ Tools and IDEs: Visual Studio, Postman, Eclipse, IntelliJ IDEA, STS
- ❖ Frontend Development: Dynamic User Interface Design, User Experience Enhancement
- ❖ Project Management: Defect Tracking and Monitoring, Error Resolution, Feature Delivery
- ❖ Data Management: Data Storage Optimization, Data Retrieval, Data Integrity
- ❖ Software Methodologies: Agile Methodology

### Experience Details

Virtusa consulting services - |Bengaluru, India

Nov 22 – Aug 24

Client: British telecommunications

Software Developer

- ❖ Tracked and addressed defects during the migration process, leveraging Oracle DB for effective data storage and retrieval.
- ❖ Developed RESTful web services to improve front-end functionality, ensuring smooth user interactions and enhancing overall user experience.
- ❖ Oversaw Oracle Database operations, including crafting SQL queries, resolving errors, and ensuring data accuracy across attachments and versions.
- ❖ Established data quality rules for various tables such as Building plan, Condition Reports, Contractor drawings, etc., to ensure data integrity and for securely migration of data.
- ❖ Implemented triggers in the Oracle database to enforce data quality rules, delivering multiple feature updates that boosted user engagement.

Virtusa consulting services - |Bengaluru, India

Dec 21 – Oct 22

Client: Virtusa consulting services

### Full Stack Java Developer

- ✦ The healthcare system project is an all-encompassing application aimed at optimizing healthcare management through the use of modern technologies.
- ✦ The backend is developed using Spring Boot, providing a solid framework for RESTful APIs and efficiently managing CRUD operations and Spring security.
- ✦ The frontend is crafted with ReactJS, delivering a dynamic and responsive user interface that significantly improves user experience.
- ✦ Oracle DB is employed for dependable and scalable data storage, ensuring the secure and consistent handling of healthcare data.
- ✦ The integration of Spring Boot, ReactJS, and Oracle DB results in a unified system that facilitates efficient healthcare administration and enhances user interactions.

### Achievement

- ✦ Successfully adapted to a high-pressure project environment with a significant workload and tight deadlines by quickly understanding complex requirements and efficiently managing tasks. Collaborated effectively with team members, prioritized tasks strategically, and contributed to the timely completion of critical milestones. Received recognition from the tech lead for my dedication and positive impact on the project's progress, ultimately helping the team meet its objectives.

### Education

- ✦ M.C.A from Graphic Era Deemed to Be University, Uttarakhand - 2021
- ✦ B.C.A from Pal College of Technology & Management, Uttarakhand - 2019

### Certifications

- ✦ [Oracle Certified Java Associate from Oracle](#)
- ✦ [Oracle Database SQL Certified from Udemy](#)
- ✦ [Full Stack React and Java Spring Boot from Udemy](#)

### Personal Details

- ✦ Date Of Birth : 16<sup>th</sup> Aug 1998
- ✦ Language Known: English, Hindi
- ✦ Address : Haldwani, Uttarakhand