

# Rahul Thakur

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## EDUCATION

### KLE Technological University

Bachelor of Engineering in Computer Science

Hubli, India

Dec. 2020 – May 2024

### Shree Jain Vidyalaya

Higher Secondary

Kolkata, India

Jun. 2017 – May 2019

## EXPERIENCE

### Software Developer

Visteon

Jan 2024 - Present

Goa, India

- Developed a **Spring Boot-based backend** for an OEM infotainment system application, ensuring efficient data processing and seamless API integration.
- Optimized database queries, reducing API response time by 40%, enhancing overall system performance.
- Implemented caching strategies, decreasing data retrieval times by 60% and improving application efficiency.
- Developed scalable microservices, increasing system scalability by 35% and reducing server costs by 25%.

### Software Developer Intern

Thinnai

March 2023 – June 2023

Banglore, India

- Improved user interaction and screen adaptiveness by fixing various bugs in the frontend code.
- Collaborated effectively with the team to develop APIs for essential features such as slot booking, Razorpay payment integration, and Customer support, enhancing the overall functionality and user experience of the application.
- Managed AWS infrastructure, ensuring smooth operation, scalability, and cost-efficiency.

### Backend Developer Intern

Rablo.in

Jan 2023 – Mar 2023

Banglore, India

- As part of my responsibilities, I successfully implemented robust Authentication and Payment systems, ensuring secure and seamless user experiences.
- Designed Restful APIs, enabling efficient communication between different components of the application. Additionally, I was responsible for handling and maintaining the crucial master data of the company.
- Optimized various feature schemas for enhanced system performance and scalability

## PROJECTS

### Online Bookstore | Java, Spring Boot, Thymeleaf, Hibernate, MySQL, Git

- Developed a full-featured online bookstore with secure authentication and user role management.
- Designed and implemented RESTful APIs for efficient management of books, orders, and user profiles.
- Integrated a payment gateway to facilitate seamless and secure online transactions.

### Employee Management System | Java, Spring Boot, Spring MVC, Hibernate, PostgreSQL, Git

- Developed an employee management system with CRUD operations for handling employee data.
- Implemented search and filter functionalities to enhance accessibility of employee records.
- Ensured data integrity and optimized performance using Hibernate ORM and PostgreSQL.

## TECHNICAL SKILLS

**Languages:** Java, Python, C/C++, SQL (Postgres), MongoDB, JavaScript, HTML/CSS

**Frameworks:** React native, React, Node.js, Springboot

**Developer Tools:** Git, GitBucket, Docker, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse

**Libraries:** pandas, NumPy, Matplotlib