

# RAVITEJA SUNKARA

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## SUMMARY

Software Engineer with over 3 years of experience in full-stack development, specializing in ReactJS, Java, Spring Boot, JavaScript, NodeJS. Adept at designing, developing, and deploying scalable solutions. Recognized for delivering high-quality code, meeting tight deadlines, and enhancing user experiences.

## SKILLS

ReactJS, Java, Spring Boot, NodeJS, Microservices, JavaScript, TypeScript, HTML, CSS, Ant Design, TailwindCSS, Redux, Git, MySQL, RESTful API Development, Responsive Design, API Integration, Microservices.

## WORK EXPERIENCE

### **Tricon Infotech**

Bangalore, Karnataka

#### ***Software Engineer***

04/2024 – Present

- Created a dedicated Spring Boot microservice for Routledge.com that automates email functionality, processing over 1,000 invoice IDs daily. By leveraging ActiveMQ and Thymeleaf, the service generates and sends personalized emails, boosting email processing speed by 50%.
- Implemented and integrated over 20 GET and POST APIs for the Product Helper application, enabling efficient retrieval and updating of product details. Successfully integrated these APIs into the frontend.
- Developed the Product Helper React application for internal users to manage and update detailed product information for books via ISBNs, ensuring accurate and consistent data handling within the organization.
- Integrated Elasticsearch APIs into the frontend to enable fast and efficient retrieval of product data, reducing search query response times by 70% and significantly improving user experience with faster product searches.
- Implemented several Java APIs for Routledge.com, including features for adding items to the cart, applying promo codes, associating carts with shoppers, and recalculating cart totals, enhancing overall cart management efficiency by 30%.

**Tech stack :** ReactJS, TypeScript, Ant Design, TailwindCSS, ActiveMQ, Springboot.

#### ***Associate Software Engineer***

03/2022 – 04/2024

- Designed and developed an internal Ecommerce Admin Tool from scratch to manage orders and data across routledge.com, enhancing operational efficiency and streamlining order processing.
  - Developed a secure login system in React with JWT authentication, implementing interceptors to manage session tokens and inject them into API requests, reducing unauthorized access by 40%. Enhanced user validation and feedback mechanisms, improving login efficiency by 30%.
  - Discount Management System (DMS): Enabled the management of discounts, including application, editing, and deletion, with automatic updates on Routledge.com, enhancing promotional efficiency.
  - Customer Lookup: Built a comprehensive lookup feature displaying customer data including invoices, personal information, email subscriptions, payment details, privileges, and shopping carts.
  - Designed and implemented robust REST APIs using Spring Boot, enabling seamless integration with frontend components and supporting complex data operations for various features.
  - Automated testing and deployment processes with CI/CD pipelines, reducing deployment time by 40%.
  - Implemented Redux for state management, ensuring consistent and scalable application state across components.
  - Developed a Spring Boot microservice that schedules and executes a weekly cron job, automating the collection and aggregation of weekly orders data. The service efficiently processed and sent detailed reports via email to stakeholders, resulting in a 50% reduction in manual reporting efforts and ensuring timely delivery of key business insights.
- Tech stack :** ReactJS, TailwindCSS, AntDesign, Redux, Springboot, MySQL, Responsive Design, RESTful API Development

## **PROJECT WORK**

### **Routledge Ecommerce Admintool**

**Role:** Full-Stack Developer

**Description:** Developed and enhanced features for a comprehensive e-commerce admin tool, focusing on order management, discount application, and customer lookup. This tool manages over 1,000 transactions daily, providing administrators with efficient tools to oversee and optimize order processing and customer interactions.

**Key contributions:** Fullstack development.

**Tech stack :** ReactJS, TailwindCSS, AntDesign, Redux.

### **Hermanhood Ecommerce Application**

**Role:** Lead Developer

**Description:** Spearheaded the development of a full-stack e-commerce platform tailored for fashion accessories. This project involved creating a robust and scalable platform with a focus on seamless user experience and efficient data handling.

**Key contributions:** Fullstack development, Rest APIs Integration.

**Tech stack :** Next.js, React, Node.js, TailwindCSS.

## **EDUCATION**

### **BVC Institute of Technology and Sciences**

*UG, B.Tech - CSE*

GPA: 7.5

Amalapuram

2017-2021

### **Sri Ravi Junior College**

*Senior Secondary - MPC*

GPA: 97%

Yanam

2015-2017

### **ZP High School**

*Higher Secondary - SSC*

GPA: 8.8

Injaram

2014-2015

## **AWARDS AND ACHIEVEMENTS**

### **Developer of the Month**

- Recognized for quickly understanding and implementing critical features, demonstrating the ability to handle complex requirements efficiently.

### **Spot Award**

- Awarded for rapid learning and adaptation to new technologies and project needs.

## **CERTIFICATIONS**

- Certificate for Python for data science – NPTEL
- Certificate for Python Programming – Michigan University.