

MOHANA SAI KUMAR RONGALA

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PROFESSIONAL SUMMARY

Software developer with 3+ years of experience in **Java**, **Spring Boot**, **RESTful API development**, and **frontend integration**. Experienced in building **scalable enterprise applications** and integrating **third-party services** such as **Razorpay**, **Ledger**, **OpenAI**, and **Amazon APIs**. Skilled in **payment systems**, **ERP**, and **procurement domain solutions**. Proven ability to deliver **AI-powered applications**, participate in **hackathons**, and contribute to **production-grade platforms** with a focus on **performance**, **security**, and **maintainability**.

EXPERIENCE

Software Developer (Tata Nexarc)

08/2022 - Present • Hyderabad, India. (Remote)

Java Full Stack Intern (Pantech eLearning)

09/2022 - 09/2022 Certificate Issued: 14 Nov 2022 – [Certificate](#)

TECHNICAL SKILLS

- **Languages:** Java, J2EE, Java 8
- **Databases:** MySQL, SQL
- **Version Controls:** TortoiseSVN
- **Build Tools:** Maven
- **Web Technologies:** RESTful Web Services
- **Backend Frameworks & Libraries:** Spring Boot, Spring AI, Hibernate
- **Frontend Technologies:** React, AngularJS, jQuery, Ajax
- **Cloud & Deployment:** AWS
- **Developer Tools:** Jenkins, SonarQube

PROJECTS

Order Project

Dec 2023 – Present

- Developed and enhanced order creation, processing, and tracking workflows using **Java**, **Spring Boot**, **React.js**.
- Optimized RESTful APIs and MySQL queries, improving response time by **25%**.
- Debugged production issues within Agile sprints, ensuring **100% on-time delivery**.

AI-Powered Document/Image Parser & Validator (Hackathon 2025)

June 2025

- Developed an **AI-based document parsing system** to extract structured data from invoices and images.
- Integrated **OCR pipelines** (image/PDF-to-text) with **Gemini 2.0 Flash LLM** for instant parsing and validation.
- Built **Spring Boot backend with database integration** and a **dynamic UI** for real-time data extraction.
- Delivered a **working demo** showcasing AI-assisted document processing.

ERP Middleware (TPL Order Flow Support)

May 2025

- Developed backend and frontend enhancements for **new lenders (Stride, Mintifi)**.
- Built workflows for **order creation, invoice generation, and payment handling**.

- Created a **centralized configuration table** to improve scalability and maintainability.

Customer Inquiry and Procurement System

Feb 2025

- Built a **customer inquiry portal** for steel procurement at optimal market prices.
- Integrated **RESTful APIs** with OpenAI, Amazon APIs, and Python-based pricing models.
- Automated **JSON data ingestion** and implemented **PDF/image-to-text conversion pipelines**.
- Integrated a **Python predictive pricing model API** to forecast SKU prices accurately.

Credit Module

June 2024

- Implemented **credit workflows**, including credit limits, tracking, and Camunda-based process automation.
- Developed REST APIs for credit management and integrated them with frontend modules.
- Ensured **accurate credit calculations and seamless user experience**.

Payment Project

Dec 2023

- Integrated **Razorpay Payment Gateway** for secure and automated digital transactions.
- Built backend services for **payment verification, reconciliation, and transaction tracking**.
- Optimized API performance and collaborated with cross-functional teams for seamless integration.

Order Dashboard Project

Sept 2023

- Developed a **real-time analytics and reporting dashboard** for order management.
- Integrated frontend (React.js) with backend REST APIs for live updates.
- Enabled **data-driven insights** for operations and management teams.

Ledger Wallet Project

June 2023

- Developed **UI and backend services** for Ledger Account Wallet integration.
- Built **controllers and RESTful APIs** to manage wallet transactions and balances.
- Ensured **secure wallet data handling** and optimized API performance.

Paywall & Discount Coupons Project

Aug 2022

- Designed and implemented **subscription-based paywall features** for different user tiers.
- Built a **discount and coupon engine** to manage promotions and pricing rules.
- Integrated modules ensuring **real-time updates and smooth workflows**.

CERTIFICATIONS

- Full Stack Java developer - Java + JavaScript + Restful Web Services + Spring
 - Learn Spring Boot 3 in 100 Steps - No 1 Java Framework
 - SQL for Beginners: Learn SQL using MySQL and Database Design
- [CERTIFICATE](#)
[CERTIFICATE](#)
[CERTIFICATE](#)

EDUCATION

Chalapathi Institute of Engineering & Technology	Guntur, Andhra Pradesh, India	2018-2022
Bachelor of Technology:	Electronics & Communication Engineering	CGPA: 8.65

STRENGTHS

-  **Problem-Solving Expert**
-  **Innovative Solutions Developer**

Achievements

- HackerRank 30 Days of Code Gold Badge.
- Runner-up in Hackathon of AI Invoice Extractor.