

# VENKATESHWAR RAO | Java Backend Developer

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☎ +91 9676821981 | ✉ Email: [venky094@gmail.com](mailto:venky094@gmail.com)

🌐 Git Hub: <https://github.com/venky094> | 📍 India

🌐 Git Hub: <https://venky094.github.io/my-website/>

## PROFESSIONAL SUMMARY

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Results-driven Java Backend Developer with 3+ years of experience in building scalable backend systems using Spring Boot, REST APIs, and Agile Methodologies. Proficient in designing scalable microservices-based architecture. Demonstrated ability to lead development from requirements to deployment, ensuring timely and high-quality deliverables. Skilled in troubleshooting, integrating services, and continuous delivery using Maven and Git. Strong collaborator and proactive learner with mentoring experience.

## TECHNICAL SKILLS

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**Languages:** Java, Java EE, SQL, Basic knowledge of JavaScript, HTML, CSS

**Frameworks:** Spring, Spring Boot, RESTful Services

**Microservices:** Eureka Server, API Gateway, Config Server

**Tools:** Maven, Git, Spring MVC, Swagger UI, Eclipse, IntelliJ IDEA, Postman, PgAdmin, Agile Methodologies

**Web Servers:** Apache Tomcat

**Databases:** PostgreSQL, Oracle 19c

## PROFESSIONAL EXPERIENCE

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### Java Backend Developer

REZNEXT GLOBAL SOLUTIONS | Bangalore

March 2020 – August 2024

- Developed and maintained REST APIs for a core hospital management system.
- Built backend services for patient registration, appointment scheduling, and medical record management using Spring Boot and PostgreSQL.
- Created a secure patient portal using Spring Security with role-based authorization.
- Integrated backend services with front-end apps through RESTful APIs.

- Performed end-to-end testing and troubleshooting of integration issues.
- Collaborated with clients to capture requirements and deliver features.
- Developed APIs reducing appointment processing time by 30%
- Improved system availability by 99.9% through load-balanced microservices

### **Assistant Professor**

VNR Vignana Jyothi Institute of Engineering & Technology | Hyderabad

June 2015 – November 2019

- Taught Java development, mentored students, and coordinated seminars.
- Conducted project-based learning focused on Java and software engineering.

### **Assistant Professor**

Vignan's Lara Institute of Technology and Science | Guntur

2014 – 2015

### **Process Planner**

Carboline Toolings India Pvt Ltd | Hyderabad

2010 – 2012

- Coordinated with design teams to implement engineering changes.
- Managed tool and component planning in the manufacturing sector.

## **PROJECTS**

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### **Project-1: Hospital Management System (HMS)**

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- Built and maintained RESTful APIs using **Spring Boot**, **PostgreSQL**, and **Swagger UI** to manage hospital workflows.
- Enabled seamless data exchange for appointments, records, and user management.
- Ensured secure access via Spring Security and implemented role-based features.
- Participated in requirement analysis and client interaction for feature enhancements.

### **Project 2: Banking Management System**

Designed and developed the backend of a Banking Management System aimed at automating core banking functionalities like customer management, transactions, and loan processing. The system ensures secure and efficient handling of banking operations with role-based access for customers, staff, and admins.

- Developed RESTful APIs using **Spring Boot** to handle account creation, money transfers, balance checks, and loan management.

-Collaborated with frontend developers to define API contracts and ensure seamless integration.

-Performed API testing and validation using **Postman**.

-Followed **Agile** methodology and used **Git** for version control and collaborative development.

## EDUCATION

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### **M. Tech**

NIT Trichy, Tamil Nadu | 2012 – 2014

### **B. Tech**

Kakatiya Institute of Technology and Science, Warangal | 2006 – 2010