

V Naga Venkata Neeraj

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EDUCATION

RVR and JC College of Engineering
Computer Science and Engineering (CGPA: 9.4/10)
TECHNICAL SKILLS

Guntur, Andhra Pradesh
2021 - 2025

Programming Languages: Java, Python, C, C#, JavaScript, TypeScript.
Backend: Spring Boot, Hibernate, REST APIs, GraphQL, Microservices, BPMN Workflows, SAP ABAP.
Frontend: React, Angular, Redux, HTML5, CSS3.
Database: SQL, MongoDB, Schema Design, Query Optimization, Data Manipulation.
Cloud & DevOps: AWS (EC2, S3, Lambda, DynamoDB), Docker, Kubernetes, Linux, CI/CD.
Big Data & Analytics: Kafka, Elasticsearch, Machine Learning, Data Pipelines.
Testing: Unit Testing, Integration Testing, Automated Testing, SDLC.

WORK EXPERIENCE

Full Stack Developer Intern - Team Lead

Magnum Wings Pvt Ltd, India

Jan 2025 - Jun 2025

- Built **mission-critical** desktop application in C# with MavLink protocol integration for **fault-tolerant real-time data processing**.
- Implemented **secure configuration management with key-based authentication** and **cross-functional team collaboration**.
- Applied **agile practices, automated testing, and end-to-end solution delivery** from design to deployment.

SDE Intern

Hexagon R&D Capability Center, Hyderabad, India

May 2024 - Jul 2024

- **Enhanced proficiency in C# by developing interactive modules and implementing game mechanics**, strengthening object-oriented programming and problem-solving skills.
- Acquired practical experience across the **SDLC lifecycle** with focus on **enterprise application development** and defect resolution.
- Conducted **code reviews, branching strategies, and test-driven development** for high-quality software delivery

PROJECTS

Medico Vita: Enterprise Healthcare Platform

- Developed healthcare platform using **Spring Boot, Hibernate, MongoDB, and React** for secure consultations.
- Integrated **ML models into microservices architecture** for AI-powered symptom analysis and recommendations.
- Implemented **Spring Security with JWT, role-based access control, and real-time WebSocket** notifications.

SnoroCardio: IoT Health Monitoring System

- Built **real-time health monitoring system** using ESP32, Python, and **machine learning for predictive analytics**.
- Applied **logistic regression analysis with cloud-based data pipelines** and automated alerting via IoT platform.
- Optimized signal processing algorithms for **noise reduction and threshold-based risk detection**.

SwordSlayer: Interactive Game Application

- Created action game using **Unity and C#** with advanced mechanics, **performance optimization**, and user testing

CERTIFICATIONS

- **ISRO:** Remote Sensing Technology, Geospatial Technology for Digital Agriculture.
- **NPTEL:** Programming in Java, The Joy of Computing Using Python.
- **Oracle Cloud Infrastructure Data Science Professional.**
- **Oracle Cloud Infrastructure Generative AI Professional.**

ACHIEVEMENTS

- **Secured 2nd Place** at TECHNIZEN held by ACM Student Chapter of R.V.R& J.C College of Engineering.
- **Won** a hackathon organized by MakeSKilled for the innovative idea behind SnoroCardio.
- Received a **Gold Medal** in the Indian National Talent Search Olympiad.

EXTRACURRICULAR ACTIVITIES

- **Chairperson and Event Coordinator** at ISTE Club - 2022 - 2024