

V Naga Venkata Neeraj

+91 6309321875 - [NVN18.com](https://www.nvn18.com) - vnvneeraj18@gmail.com - [linkedin.com/in/nvn18](https://www.linkedin.com/in/nvn18) - github.com/nvn18

EDUCATION

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

Guntur, Andhra Pradesh

2021 - 2025

TECHNICAL SKILLS

Programming Languages: Java, Python, C, C#, JavaScript, TypeScript
Backend: Spring Boot, Hibernate, REST APIs, GraphQL, Microservices, BPMN Workflows
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

Jun 2024 - Jul 2024

- Participated in complete **SDLC lifecycle** with focus on **enterprise application development** and defect resolution
- Practiced **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