

BADANALA VINAY NAGA SAI RAM

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<https://vinaybadanala.github.io/Portfilo/> | <https://github.com/vinaybadanala>|AP - 534302 ,India

Professional Summary

Dynamic final-year B.Tech Computer Science Engineering student with hands-on experience in Web Development technologies including HTML, CSS, JavaScript, along with a foundational understanding of Java programming. Passionate about building responsive and user-friendly web applications while continuously improving problem-solving and programming skills. Experienced in developing basic web projects and learning modern development practices. Committed to expanding expertise in full-stack development and contributing to scalable and efficient software solutions. Eager to leverage technical skills, adaptability, and creativity in a challenging role within the technology industry.

Education

B.Tech : Computer Science Engineering (CSE-IOT & CS including BCT) - 2022 - 2026

Potti Sriramulu Chalavadi Mallikarjuna Rao College of Engineering and Technology - Vijayawada, AP, India.

Intermediate: (MPC) ,2020 – 2022

SASI Junior College – Velivenu, AP - 534329, India.

Secondary School : (10th) , 2020

Oxford English Medium School – Penugonda, AP - 534320, India.

Technical Skills

Programming Languages:

Core Java, JavaScript

Frontend Technologies:

HTML, CSS, Bootstrap, React.js

Backend Technologies:

Servlets, JSP, JDBC

Database:

MySQL

Tools & Technologies:

Git, Maven, Eclipse, Visual Studio Code

Internship Experience

Supraja Technologies | May – Jun 2024

CYBER SECURITY(Web Application Vulnerability Assessment & Penetration Testing) – Remote

- Performed **web application vulnerability assessment and penetration testing (VAPT)** to identify security weaknesses in web applications.
- Conducted **security testing for common vulnerabilities** such as SQL Injection, Cross-Site Scripting (XSS), and authentication flaws.
- Utilized security testing tools and manual techniques to **analyze application security and detect potential threats**.
- Documented identified vulnerabilities and **provided recommendations to improve web application security**.

AIMERS Society | May 2025

Gen AI Intern – Remote

- Developed basic **Generative AI applications** using AI tools and prompt engineering.
- Worked with **LLMs to generate and optimize AI responses**.
- Assisted in building **AI-powered automation and content generation solutions**.
- Collaborated with remote teams on **AI development tasks and testing**.

Exerlr | Nov 2025 - March 2026

Full Stack Java – Remote

- Completed intensive training in Full Stack Java Development covering frontend, backend, and database technologies
- Developed dynamic web applications using **HTML, CSS, JavaScript, and React.js**
- Built backend systems using **Core Java, JDBC, Servlets, and JSP**
- Gained hands-on experience in **Spring Boot framework for RESTful APIs** Designed and managed databases using **MySQL with CRUD operations**

Projects

Game Review Frontend

- Developed a responsive web application using HTML, CSS, JavaScript
- Designed interactive UI to help users explore and compare games
- **Project link:** <https://github.com/vinaybadanala/GameReview>

Object Detection

- Built a machine learning model using Python for real-time object detection
- Improved detection accuracy using trained datasets
- **Project link:** <https://github.com/vinaybadanala/ObjectDetection>

Certifications & Training

HackerRank – Python (Basic), Problem Solving

NPTEL – Industry 4.0 and Internet of Things

Code Tantra – Python Programming Workshop

Supraja Technologies – Cyber Security Level 1

Scaler Master Class – Build an Ecommerce platform using React

Excelr- Full Stack Web development long term