

VENNAPUSA ANIRUDH REDDY

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Professional Summary

Computer Science graduate with practical experience in full stack development and machine learning. Strong foundation in web technologies and problem solving. Seeking opportunities to contribute to meaningful projects while learning in a collaborative professional environment.

Technical Skills

- **Programming Languages:** Java, Python, JavaScript, HTML5, CSS3
- **Databases:** MySQL, PostgreSQL, MongoDB
- **Frameworks & Libraries:** Spring Boot (Spring MVC, Spring Security), Django, React.js
- **Tools & Technologies:** Git, Postman, REST APIs, JWT Authentication, Razorpay Integration
- **Data Science:** NumPy, Pandas, Matplotlib, Scikit-Learn

Projects

BuyHub - Hub for Online Shopping

Technologies: React, Spring Boot, MySQL, Razorpay

- Developed a full-stack e-commerce application enabling small businesses to manage products, orders, and payments.
- Implemented JWT-based authentication with role-based access control for users and admins.
- Built shopping cart, secure checkout process, and real-time order tracking.
- Integrated Razorpay payment gateway for secure transaction processing and inventory management.
- [GitHub Repository](#) || [Live Demo](#)

SpamCheck - Check Texts for Spam

Technologies: Python, Gradio, React

- Designed a multi-model spam detection system combining BiLSTM, XGBoost, Reinforcement Learning, and GAN-based approaches with ensemble voting for improved accuracy.
- Developed Gradio-based API backend with React frontend supporting single and bulk CSV classification with real-time performance metrics.
- Achieved 12% improvement in accuracy and 15% increase in recall compared to traditional spam detection methods.
- [GitHub Repository](#) || [Live Demo](#)

Education

Bachelor of Technology in Computer Science and Engineering

2021 – 2025

Sri Venkatesa Perumal College of Engineering and Technology

CGPA: 9.2/10

Intermediate (MPC)

2019 – 2021

Sri Chaitanya Junior College

Percentage: 92%

Certifications

- **Machine Learning Specialization** – Coursera (2025): Completed comprehensive course covering supervised learning, unsupervised learning, and neural networks with practical implementations.
- **Data Structures using Python** – NPTEL (2023): Strengthened understanding of core data structures including trees, graphs, heaps, and advanced algorithms for efficient problem-solving.
- **Joy of Computing using Python** – NPTEL (2022): Built strong Python programming fundamentals and computational thinking skills applied to real-world automation tasks.