

Paluri Madhulika

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Objective

To secure a challenging position in a reputable organization where I can use and expand my knowledge and skills, contributing to the company's success while gaining valuable experience and professional growth

Education

Sree Vidyanikethan Engineering College <i>B.Tech in Information Technology</i>	<i>2021 - 2025</i> <i>CGPA:9.09</i>
Sri Chaitanya Academy Junior College <i>Intermediate</i>	<i>2019 - 2021</i> <i>Percentage: 95%</i>
Gowtham E.M High School <i>SSC</i>	<i>2019</i> <i>GPA: 9.8</i>

Skills

- **Programming Languages:** Java
- **Web Technologies:** HTML, CSS,JS, React, Django
- **Cloud Platforms:** AWS
- **Tools:** Git, Visual Studio, Excel, Render,Power BI
- **Soft Skills:** Teamwork,Attention to Detail, Problem-Solving,Leadership,Time Management,Analytical Thinking, Adaptability.

Languages

- English
- Telugu
- Hindi
- Kannada

Projects

A Majority Voting Ensemble Method for Combining Multiple Deep Learning Models in Network Intrusion Detection

Designed and implemented an ensemble-based network intrusion detection system using ResNet, DenseNet, and Inception-v3 models. Applied Cat Swarm Optimization for feature selection, improving accuracy and reducing false alarm rates. Evaluated the system on the CICDS dataset, achieving better detection rates compared to individual models. Deployed and tested in a simulated environment to demonstrate real-time threat detection capability, focusing on minimizing overfitting and enhancing cybersecurity.

Music Website - Vibify

Vibify is an engaging and easy-to-use music streaming platform that delivers a captivating listening experience. Users can access a broad range of music from various genres, enjoy seamless playback. The platform features a unique logo and an innovative design, complemented by a visually appealing background that enhances the overall user experience.

Library Management System

Our Library Management System is a solution designed to efficiently manage ,streamline library operations by leveraging advanced data structures. This project focuses on optimizing the storage, retrieval, management of vast amounts of library data, ensuring quick access and accurate record keeping.

Smart Security System

Smart Security System designed to enhance residential safety through the integration of advanced networking technologies using Cisco Packet Tracer. It simulates a security setup with sensors, cameras, and alert mechanisms to create a reliable home security network.

Hosting Django Website on Amazon EC2

Hosting a Django Website on Amazon EC2 is a project that demonstrates how to deploy a web application using the Django framework on a cloud-based infrastructure. By leveraging Amazon Elastic Compute Cloud (EC2), this project showcases the process of setting up a scalable and reliable server environment to host and manage a Django website.

Online Shopping Cart

Online Shopping Cart is a web-based application designed to provide a seamless and interactive shopping experience for users. The project focuses on building a robust and scalable shopping cart system by leveraging a Database Management System (DBMS) to manage and organize data efficiently.

Quiz Application

Quiz Application is a simple and efficient software developed in Java, designed to create, administer, and grade quizzes. This application is ideal for students, educators, and anyone looking to test their knowledge on various topics.

Certifications

• Salesforce Developer Virtual Internship	May 2023 to July 2023
• J.P. Morgan Excel Skills Job Simulation	Aug 2023 to Sep 2023
• Android Developer Virtual Internship by Google For Developers	Sep 2023 to Nov 2023
• Campus Ambassador for IIT Tirutsava Fest (IIT Tirupati)	
• Palo Alto Cybersecurity Virtual Internship	Jan 2024 to March 2024
• Cranes Varsity CyberSecurity Virtual Internship	Feb 2024 to March 2024
• Cloud Virtual Internship by AWS Academy	April 2024 to June 2024
• Salesforce Administrator Virtual Internship	May 2024 to June 2024
• TCS iON Career Edge - Young Professional	Jun 2024
• Full Stack Developer Intern at Venzo Technologies	May 2024 to July 2024
• AI-ML Virtual Internship by AWS Academy	Jan 2025 to Mar 2025