

# Anurag Varma Thippani

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## Professional Summary

Computer Science undergraduate with hands-on experience in building scalable, data-driven, full-stack applications. Passionate about solving real-world problems through clean code, intelligent systems, and collaborative development. Eager to contribute to innovative projects that enhance enterprise platforms and user experiences.

## Technical Skills

Languages:	Python, Java, JavaScript, C, SQL
Frameworks:	React.js, Node.js, Express.js, Flask
Databases:	MongoDB, MySQL
Cloud & DevOps:	AWS Cloud, Git, CI/CD Concepts
Networking & Security:	CCNA, Network Fundamentals, Endpoint Security
Tools:	VS Code, Figma, Final Cut Pro

## Education

<b>SR University, Warangal</b>	Expected May 2026
B.Tech, Computer Science Engineering	
<b>Platinum Jubilee High School, Warangal</b>	
Completed 2022	
GPA: 9.0	

## Selected Projects

<b>Enterprise Complaint Intelligence System</b>	Jun 2025
Developed a scalable ML-based complaint platform with Flask and MongoDB. Enabled classification, prioritization, and custom dashboards for users and admins.	
<i>Tech: Python, Flask, MongoDB, React.js, Scikit-learn, JWT, REST API</i>	
GitHub	
<b>Return Abuse Detection System</b>	May 2025
Built a fraud detection system for identifying e-commerce return abuse. Applied feature engineering and deployed the model with Flask and Gradio.	
<i>Tech: Python, Scikit-learn, Flask, Gradio, Pandas, Matplotlib</i>	
GitHub	
<b>Zerodha Trading Platform Clone (MERN Stack)</b>	Ongoing
A real-time trading UI replica with chart visualizations, login/authentication, and user dashboard features.	
<i>Tech: MongoDB, Express.js, React.js, Node.js, Chart.js, MUI</i>	
GitHub	
<b>Liver Disease Classification with Neural Networks</b>	Apr 2025
Applied MLP models to predict liver disease and visualized predictions via confusion matrix and evaluation metrics.	
<i>Tech: Python, Scikit-learn, Pandas, Gradio, Matplotlib</i>	
<b>Housing Price Prediction</b>	Jul 2024
Created a regression-based pipeline to predict housing prices with data preprocessing and model training.	
<i>Tech: Python, Pandas, Scikit-learn, Matplotlib</i>	

## Experience & Leadership

<b>Research Intern – LogicWhile (Remote)</b>	Dec 2024 – May 2025
Authored technical coding problems for educational and interview prep use. Ensured clarity, difficulty balance, and relevance.	
<i>Skills: Python, Technical Writing</i>	
<b>Team Leader – Hackathon, SR University</b>	Sep 2024
Led a 4-member team to Top 10 finish out of 50+. Built a working prototype in 24 hours, overseeing design, implementation, and presentation.	
<i>Skills: Agile, Communication, Team Collaboration</i>	
<b>YouTube &amp; Video Editor</b>	2023 – Present
Produced coding tutorials using Final Cut Pro. Grew engagement through educational content focused on CS concepts.	

## Certifications

<b>Amazon Web Services (AWS)</b> – Cloud Foundations, Web App Builder, Data Pipeline Builder (Nov 2024)
<b>Cisco Networking Academy</b> – CCNA (Intro + Routing), Data Analytics, Endpoint Security (2024)

## Patent

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### System for Lung Nodule Detection using AI and Deep Learning

Published: Feb 28, 2025

Built a deep learning pipeline for lung nodule detection from medical scans, improving early diagnosis accuracy.

## Achievements

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- Top 10 finish in SR University Hackathon as Team Lead.
  - Microsoft Certified: Azure Fundamentals (In Progress)
  - Completed Cisco Introduction to Cybersecurity

## Interests

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System Design, ML-Powered Tools, Open Source, Developer Tooling, Enterprise Platforms, UI/UX