

# Guru Sai Charan Yarra

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## WORK EXPERIENCE

AI/ML Intern	EduNet Foundation
<ul style="list-style-type: none"><li>Developed a project on Employee Burnout Prediction using Linear Regression.</li><li>Gained hands-on experience in model building, evaluation, and real-world application of AI/ML.</li></ul>	
AWS Intern	APSSDC
<ul style="list-style-type: none"><li>Deployed WordPress on AWS for APSSDC, demonstrating cloud proficiency.</li><li>Configured server instances to ensure seamless performance and implemented security measures to reduce potential threats.</li></ul>	
Cybersecurity Intern	IBM SkillsBuild
<ul style="list-style-type: none"><li>Explored offense and defense perspectives in cybersecurity.</li><li>Studied cyber attackers' tactics, social engineering, and preventive measures.</li></ul>	

## PROJECTS

AR EchoQuests: A Product Feature for Gamified, Location-Based AR Engagement
<ul style="list-style-type: none"><li>Proposed and designed <b>AR EchoQuests</b>, an AR feature combining guided quests, digital memory markers, and streak-based rewards to drive user engagement and retention.</li><li>Applied product management principles to define MVP scope, user motivation loop, and North Star Metric, positioning it as a scalable platform for AR storytelling and exploration.</li></ul>
Chatbot Assistant for Smart Agriculture
<ul style="list-style-type: none"><li>Built a chatbot using React, Flask, and Python with NLP integration.</li><li>Designed the chatbot interface and responses to be intuitive and farmer-friendly.</li><li>Enhanced responses using NLP to improve agricultural decision-making support.</li></ul>
Deep Learning-Based Botnet Detection: A Hybrid Model with GANs, Transformers, and 1D CNNs
<ul style="list-style-type: none"><li>Built a hybrid model using GANs, Transformers, and 1D CNNs for botnet detection.</li><li>Achieved superior accuracy on UNSW-NB15 and IoT-23 datasets.</li></ul>

## EDUCATION

2021 - 2025	SRM University AP	(GPA: 7.59/10.0)
2019 -2021	Class 12th BIEA Board	(GPA: 7.6/10.0)
2019	Class 10th SSC Board	(GPA: 8.8/10.0)

## SKILLS

Programming Languages:	C++, Java, Python, SQL
Tools & Technologies:	Power BI, Flutter, AWS, figma ,Excel
Areas of Interest:	Data Science, Artificial Intelligence, Machine Learning ,Product Managment

## CERTIFICATIONS

Cybersecurity Fundamentals	IBM SkillsBuild (11-08-2023)
AWS-Cloud Computing	APSSDC (11-08-2023)
Freedom with AI Masterclass	OpenAI (28-09-2024)