

# Swaroop Kurapati

7729036826 | swaroopkurapati15@gmail.com | linkedin.com/in/swaroopkurapati | Portfolio

## EDUCATION

<b>Prathyusha Engineering College</b>	Tiruvallur, Tamil Nadu
<i>Bachelor of Engineering in Computer Science — GPA: 8.5</i>	<i>Nov 2022 – Apr 2026</i>
• Relevant Coursework: Data Structures & Algorithms, Operating Systems, DBMS, Object-Oriented Programming, Cloud Computing, AI/ML	

## INTERNSHIPS

<b>Backend Engineering Intern</b>	Jan 2026 – Present
<i>C1X Inc.</i>	<i>Remote</i>
• Building scalable backend systems with focus on API development	
<b>AI Intern</b>	Jul 2025 – Aug 2025
<i>SkillSync</i>	<i>Remote</i>
• Designed and deployed AI-powered web applications using Streamlit and Python for enhanced user experiences	
• Implemented machine learning models for predictive analytics and data-driven insights	
<b>AI Intern</b>	Feb 2025 – Mar 2025
<i>Edunet Foundation</i>	<i>Remote</i>
• Built personal fitness tracker using ML algorithms for real-world datasets, achieving accurate trend predictions	
• Developed interactive AI applications with Streamlit, improving model deployment efficiency by 40%	
• Applied supervised and unsupervised learning techniques for data preprocessing and model optimization	
<b>Cybersecurity Intern</b>	Jan 2025 – Feb 2025
<i>Edunet Foundation</i>	<i>Remote</i>
• Conducted penetration testing and vulnerability assessments using Kali Linux and Python automation scripts	
• Analyzed phishing operations and social engineering attacks, developing mitigation strategies	
• Configured network security simulations using Cisco Packet Tracer for security protocol implementation	

## TECHNICAL SKILLS

**Languages:** Python, JavaScript/TypeScript, SQL, HTML/CSS, LaTeX

**Frameworks & Libraries:** NestJS, LangChain, Streamlit, React (basic)

**AI/ML Technologies:** Large Language Models (LLMs), Machine Learning, Natural Language Processing, Model Deployment

**Tools & Platforms:** Git/GitHub, MySQL, Docker (basic), Linux, Kali Linux, Cisco Packet Tracer

**Core Competencies:** Data Structures & Algorithms, Object-Oriented Programming, Cloud Computing, Cybersecurity, API Development

## PROJECTS

<b>Personal Fitness Tracker</b>	Python, Streamlit, Machine Learning
<i>AI-Powered Health Analytics Platform</i>	
• Developed ML-based fitness tracker analyzing real-world datasets for personalized health insights and progress tracking	
• Implemented data visualization and predictive analytics for fitness trends using supervised learning algorithms	
<b>AI-Powered Web Applications</b>	Python, Streamlit, LangChain
<i>Interactive Intelligent Systems</i>	
• Created multiple AI applications integrating LLMs for natural language processing and intelligent user interactions	
• Optimized model performance and deployment workflows, reducing inference time by 30%	

## CERTIFICATIONS

Introduction to Artificial Intelligence | Python (Basic) | Prompt Engineering for Everyone | E-Commerce Level 1