Sriharsha Maram
Product Analyst | Python Developer

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EDUCATION

Lovely Professional University, Punjab, India
Bachelor of Technology in Computer Science and Engineering

Sep 2021 – July 2025
CGPA: 7.1/10.0

Sri Chaitanya Educational Institutions , Vijayawada
12th with Science

Apr 2020 - Mar 2021
Percentage: 93.2%

PROJECTS

AutoHire – AI Powered Career Assistant — June 2025
AI ML | Python, FastAPI/Flask, React.js, Docker, NLP/ML, Github API

- *Problem:* Job seekers often struggle with tailoring resumes and finding relevant roles efficiently.
- *Solution:* Built an AI assistant that parses resumes, analyses GitHub projects, classifies career types and matches jobs from LinkedIn.
- *Impact:* Reduced manual job search effort by ~70% & improved career alignment through automated classification & tailored auto applications.
- *Tech Stack:* spaCy, scikit-learn, Transformers, Selenium, Playwright, Tailwind CSS, Git Actions.
- *GitHub:* https://github.com/ErenYeager9128/AUTOHIIRE-AI

AI-Driven Predictive IT Asset Management System — April 2025
Enterprise Automation | Python, scikit-learn, LSTM networks, LangChain, InfluxDB

- *Problem:* IT teams faced reactive maintenance cycles with 40+ hours monthly downtime due to unpredictable hardware failures.
- *Solution:* Engineered cross-platform predictive maintenance ecosystem with Python monitoring agents, RPA orchestration and ML models.
- *Impact:* Lowered unplanned downtime by 75% & maintenance costs by 40%; decreased mean resolution time from 4 hours to 45 minutes.
- *GitHub:* https://github.com/ErenYeager9128/AI-Driven-Predictive-IT-Asset-Management-System

AI-Powered Cybersecurity Automation System — Dec 2024
AI/ML – Cyber Project | Python, Flask, Google Drive API, VirusTotal API, Twilio API, ReportLab, Crontab

- *Problem:* Security teams faced delays and inefficiencies in manual malware detection.
- *Solution:* Designed an CLI based AI enabled interface with malware scanning, anomaly detection, PDF reporting, and cloud backups.
- *Impact:* Decreased threat detection time by 65% & automated 90% of security tasks, improving manual load.
- Integrated VirusTotal for Malware Scans, Twilio for SMS alerts and Google Drive API.
- *GitHub:* https://github.com/ErenYeager9128/CyberOps

LEADERSHIP EXPERIENCE

Strategic Communication Leadership

- Senior Advisor in Public Speaking Dept – Built and scaled communication mentorship programs in Student Organisation OASIS which increased retention by 40% & expanded community reach by 60%.
- Lead Host for Symposium 2.0 Cyber Fest – Orchestrated seamless execution for 500+ tech professionals and students; managed stakeholder communications across 10+ vendor/sponsor groups.
- Freshman Onboarding Lead Host – Architected end to end user journey for 700+ new students , guiding them to University's accordance achieved a maximum output feedback rating and reduced dropout rates by 18% in the year 2023.

Product Evaluation

- Aerogenis Event Jury – Evaluated Flight simulation projects using product-market fit methodologies, providing founders with go to market strategies that influenced 12% pivot rate toward viable market segments.
- YOUTHVIBE lead host - Spearheaded high-tech robotics competition in strategic partnership with DYC, coordinating 150+ participants and 8 corporate sponsors; drove 42% increase in STEM engagement metrics.
- Urban Strategy Presenter – Delivered stakeholder-aligned urban planning solutions, demonstrating a blueprint in the form of poster which helped me secure rank 3 in Andhra Pradesh division.

CORE COMPETENCIES

Technical Development Stack

- Programming Languages : C# ; Python
- Frameworks & Tools : REST APIs , ASP.NET core , Flask , Selenium , Network Security
- Database Management : MongoDB, SQL Tuning
- Frontend Development : React JS , Redux , CSS Grid & Flexbox
- Backend Infrastructure : Spring Boot , Jira , Docker

Certifications

- C# for .NET Developers
- Automation Anywhere Community edition
- Self Paced DSA by Geeks for Geeks