DHARSHINI SRI S U

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Education

Amrita Vishwa Vidyapeetham University	**Oct. 2022 – Present**
B.Tech in Computer Science (Specialization in Cyber Security)	*Chennai*
Sri Vijay Vidyalaya, Hosur	**Mar. 2022**
Higher Secondary Certificate (HSC)	*Hosur*
St. Joseph's matriculation higher secondary, Hosur	**2020**
Secondary School Leaving Certificate (SSLC)	*Hosur*

Experience

AI Intern	**Dec 2024 – Present**
Online Virtual Internship	*Remote*

- **Worked on Image generation using stable diffusion and Comfy UI.**
- **Implemented machine learning algorithms for real-world applications.**
- **Gained hands-on experience in image preprocessing and model evaluation.**

Achievements

Finalist | GENAI Google Hackathon 2024

Project: Adaptive Defense Generation System

- **Developed an AI-driven cybersecurity framework** capable of autonomously identifying and mitigating emerging threats.
- **Implemented machine learning techniques** to enhance threat detection and response times in real-world scenarios.
- **Collaborated with a team of experts** to design an adaptive security model integrating generative AI for dynamic defense strategies.
- **Recognized among top finalists** for innovation and impact in AI-powered cybersecurity solutions.

Technical Skills, Language Skills, and Interests

Operating Systems: Windows, Ubuntu
Programming Languages: C/C++, Python, Java, Haskell
Databases: DBMS, MySQL
Libraries: OpenCV
Version Control: Git
Languages: Tamil (Native), English (Fluent), Kannada (Conversational)
Interests: Chess, Dance

Certifications

Web Application Security: Completed a comprehensive course on securing web applications, covering OWASP Top 10 vulnerabilities, penetration testing, and secure coding practices.

SAWIT AI Learnathon: Participated in an AI-focused learnathon, gaining hands-on experience in machine learning and AI model deployment.

Projects

Nutrition App – Built a nutrition tracking application using ReactJS, HTML, and CSS.

Password Manager – Developed a secure password management system in Java.

Attendance Manager with 2FA – Implemented an attendance management system with two-factor authentication in C++.

Stellar Age Predictor Web Application – Created a machine learning model to predict stellar ages based on astrophysical data.

Anomaly Detector Web Application – Designed a web-based anomaly detection system using machine learning techniques.