

J. SHEERIN FARHANA

Pre-Final year Student at MVIT

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OBJECTIVE:

I am Sheerin Farhana, an adept and studious student currently pursuing a B. Tech in Computer Science Engineering with a specialization in Internet of Things and Cybersecurity, including Blockchain Technology. Committed to delivering high-quality work, I have a strong passion for Front-End Development and Cybersecurity. My goal is to leverage my skills in web development, cybersecurity, ethical hacking, and cutting-edge technologies while continuing to learn and grow. I am actively seeking opportunities to apply my knowledge and drive innovative solutions in the tech industry.

EXPERIENCE:

Cybersecurity Intern

Palo Alto Networks (Online Internship)

July 2024 – September 2024

Completed a comprehensive online internship focused on practical applications of cybersecurity principles.

Acquired certifications in the following areas:

- ✓ Cybersecurity Fundamentals
- ✓ SASE Fundamentals
- ✓ Fundamentals of SOC (Security Operations Center)
- ✓ Fundamentals of Cloud Security
- ✓ Network Security Fundamentals

-Developed hands-on experience using Palo Alto's tools to detect, analyze, and mitigate security threats.

-Engaged in security assessments and incident response strategies, enhancing knowledge of cybersecurity best practices.

-Received the Cyber Virtual Internship Certificate for successful completion of the program.

EDUCATION:

B. Tech Computer Science Engineering with specialization in (Internet of Things and Cybersecurity including Blockchain Technology)

Manakula Vinayagar Institute of Technology, Puducherry (2022-2026)

CGPA (Till date): 8.19

Schooling at: **ACHARIYA BALA SIKSHA MANDIR**, Puducherry.

HSC: 77.2% SSLC: 88.4%

ACHIEVEMENTS:

Projects & Competitions:

Participated in 3 project expos, all organized by prestigious colleges.

Also participated in college level events and competitions.

Workshops attended:

- Workshop on "Arduino and Sensors" by Cisco.
- Workshop on "Cyber Security" by Cyber Heals.
- Workshop on "Cyber Forensic" organized by APJ Space.
- Workshop on "Front-end Development" organized by Datanerdz AI.

Hackathons:

Participated in 2 technical hackathons, SIH-2023 and SIH-2024.

Participated in the contest "New India Student Championship 2023"

(The Largest Learnathon of India) ICT ACADEMY.

Industrial Visits

- TechVolt Software Pvt. Ltd., Coimbatore
Focus: Web Technologies.
- vThink Global Technologies Pvt. Ltd., Chennai
Focus: Emerging Technologies.

PROJECTS:

1) Smart Pen Utilizing IoT for Detection of Concentration Lapses during Writing

06/2023 (IoT, Hardware)

Developed an IoT-enabled smart pen to detect concentration lapses during writing tasks. Utilized sensors for real-time data analytics and feedback.

Technologies: IoT, Embedded Systems.

2) AI Exam Paper Grading and Feedback Tool

12/2024 (Software, Website)

Created an AI tool for automated exam grading, providing instant feedback and analysis for educators.

Technologies: HTML & CSS, JavaScript, React.js, NLP, NLTK, Neural Networks, AI and Machine Learning.

CERTIFICATIONS:

Information Technology Specialist – Python

Certiport (Pearson VUE) | August 2024

JavaScript Certification

Spoken Tutorial, IIT Bombay | November 2024

SKILLS:

Technical Skills:

Java	JavaScript	Python	Database Management System (DBMS)	HTML & CSS
SQL	Canva(Design)	Microsoft Office	Search Engine Optimization(SEO)	Cybersecurity
Cryptography	Github			

Soft Skills:

Effective Communication	Active Listening	Time Management	Attention to Detail	Adaptability and Resilience
E-Learning	Intrapersonal Skills	Team Building	Presentation Skills	

KEY INTERESTS:

Web Development and Responsive web design
Cybersecurity and Data Protection
Ethical Hacking
Continuous Learning and Professional development.
Networking and building relationships.

LANGUAGES:

English (Full Professional Proficiency)
Tamil (Native or bilingual proficiency)
Urdu (Native or bilingual proficiency)