

SURIYA S

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PROFILE SUMMARY

A skilled Python developer with experience in building chatbots, enhancing Network protocols, and developing AI-driven phishing detection systems. Passionate about creating and advancing solutions in technology according to the latest advancements.

EDUCATION

B. Tech - Computer Science Engineering

Manakula Vinayagar Institute of Technology, Pondicherry University (2022 - 2026)

CGPA: 8.32 (Till V Sem)

HSC & SSLC

Petit Seminar Hr. Sec. School, Puducherry (2020 - 2022)

Percentage: **SSLC**: 65.8 & **HSC**: 76.8

PROJECTS

Business Intelligence and Resource Development (B.I.R.D)

An AI-powered platform that connects startups and venture capitalists, evaluating investment potential through an intelligent scoring system. It facilitates profile creation, networking, and global collaboration for funding opportunities.

IPv6 to IPv4 Transition Mechanism:

Designed a transition framework for IPv4 to IPv6 migration. Implemented dual-stack and tunnelling mechanisms to enhance compatibility and scalability. Using Networking Protocols, IPv4/IPv6, Security, Packet Tracker.

AI-Resume Screener:

An AI-driven recruitment tool that automates resume parsing, ranking, and shortlisting based on job descriptions. Using NLP and machine learning, it extracts key qualifications, evaluates candidate suitability, and streamlines the hiring process for recruiters.

AREA OF INTEREST

- Cyber Security
- Artificial Intelligence
- Prompt Engineering
- Database Management System

CERTIFICATION

1. Python & C Programming (Edusphere)
2. Cyber Security Certificate (Forge)
3. Google Cyber Security Certificate (Coursera)
4. UI/UX Design (VEI Technologies)
5. HTML/CSS - Free Code Camp (Datanerdz.ai)
6. **Workshops:** AI & LLM (NIT Puducherry), Cyber Security (IIT Madras).
7. Participation in hackathons such as Yi-innovation, Unisys, and Smart India Hackathon.

SKILLS

- **Programming Languages:** Python, FOPs on Java, C, SQL & C++.
- **Database & Tools:** MySQL, MS Excel, Packet Tracker.
- **Other Skills:** UI/UX Design (Figma), MS Word, MS PowerPoint.

EXPERIENCE

VEI TECHNOLOGIES PVT LTD:

Completed a 15-day industry internship focused on cybersecurity, gaining hands-on experience in network security, threat analysis, and risk assessment from **Jan 16 - Feb 5, 2025**.

ACHIEVEMENTS

- Published conference paper on SDG goals, AI-Driven Carbon Capture and Utilisation: Advancing Sustainable Solutions For Climate Change Mitigation, securing appreciation.
- Secured special appreciation for the Paper entitled “Transition Mechanism of IPv6 to IPv4”.
- Organised various inter-college events and secured appreciation.