SURIYA S

COMPUTER SCIENCE ENGINEERING GRADUATE

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Career Objective:

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

Education:

2022 – 2026:
UG - B. Tech CSE
CGPA – 7.32 (Till III Sem)
(Pondicherry University)
Manakula Vinayagar Institute of Technology, Puducherry.

2021 – 2022:
HSC
Percentage – 76.5%
Petit Seminar Hr. Sec. School, Puducherry.

2019 – 2020:
SSLC (TN Board)
Percentage – 84.21%
Petit Seminar Higher Secondary School, Puducherry.

Technical Skills:

Data Analysis Tools:
Python, My SQL, MS Excel,
Programming: Python, Java, C, SQL, C++
Other: MS Word, MS PowerPoint, Packet Tracker, Figma(UI/UX Designer).

Areas of Interest:
- Prompt Engineering
- Database Management System
- Cyber Security

Projects:

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

Abstract: The chatbot project is an interactive platform designed to cater to two specific user roles: Venture Capitalists (VCs) and Startup Company Heads. The chatbot identifies the user's role, asks role-specific questions, and evaluates their responses by allocating marks. Valid users can then create a profile on a social platform, where VC details can be shared, fostering potential collaborations. The project is implemented in Python, focusing on functionality, user engagement, and seamless role-based interaction.

Transition Mechanism of IPV6 to IPV4

Abstract: Designed and implemented a comprehensive transition framework for seamless migration from IPv4 to IPv6, addressing compatibility, scalability, and security challenges. The project involved analyzing dual-stack and tunnelling mechanisms, implementing network configuration strategies, and optimising performance metrics. Contributed to enhancing network reliability and future-proofing infrastructure for evolving internet demands, culminating in developing an IEEE paper showcasing innovative solutions.

Certifications:

• Completion Certificate in Python & C Programming

• Completion of Cyber Security Certificate in **Forage**

• Google Cyber Security Certificate – **Coursera**

• AWS Cloud Computing Certificate - **Ruddo**

• Java- Spoken Tutorial

• HTML/CSS – Free Code Camp

• Workshops On AI & LLM(NIT PUDUCHERRY),

• Workshop Cyber Security(IIT-MADRAS)

• Network and Usual Security (Swayam NPTEL)

Achievement:

• Published Paper on SDG Goals & Secure Appreciation.
• Development of Own Chat Bot
• Won Second Prize in Paper Presentation at PTU.