M S Shilpa Shaji
Full Stack Developer

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🔗 linkedin.com   github.com

Profile

Adaptable Computer Science graduate with a strong foundation in machine learning and full-stack development. Recognized for the ability to work both independently and collaboratively to deliver high-quality, well-documented, and scalable solutions. Skilled at translating complex problems into practical applications while contributing fresh ideas and fostering effective teamwork.

Technical Skills

- **Programming Languages:** Python,C,Java

- **Web Technologies:** HTML,CSS,Bootstrap,Django,Flask

- **Databases:** MySQL

- **Machine Learning & Data Analysis:** Pandas, scikit-learn, Matplotlib, Jupyter Notebook

- **Cybersecurity:** Password Cracking Tools (John the Ripper, Hydra, Hashcat), Ethical Hacking, Kali Linux

- **Tools & Platforms:** VS Code, Postman, Anaconda, MySQL, LaTeX

Experience

○ **Python Full Stack Development Intern**   Jun 2025 – Dec 2025
Luminar Technolab, Kerala, India

  - Acquired practical knowledge of **Python and MySQL**.
  - Currently gaining hands-on exposure to **DJANGO, REST APIs and React**.
  - Learning modern development practices including **Agile methodology, version control with Git**, and documentation standards.

Projects

Phishing URL Detector
Tech Stack: Python, Flask, scikit-learn, HTML/CSS

○ Developed a website that identifies deceptive phishing URLs using machine learning.

○ Implemented **Random Forest Classifier** achieving an accuracy of **98%** on test datasets.

○ Enhanced cybersecurity awareness by detecting and blocking malicious links in real time.

Certifications

- LP312 – Malicious URL Detection using Machine Learning Techniques (Feb–May 2024) – IIT-Madras

- Conditionals and Loops in C (Feb 2024) – MindLuster

- Ethical Hacking and Penetration Testing (June–July 2024) – CDAC

- Explore Digital Technology Job Simulation (Aug 2024) – Forage

Education

B.Tech in Computer Science and Engineering   **APJ Abdul Kalam Technological University (KTU)**
Govt. Engineering College, Idukki   *2021–2025*