Swaroop

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PROFILE

Computer Science and Data Science undergraduate with foundational knowledge in Python, web development, and data science. Experienced in projects involving fraud detection, network security, and management systems. Passionate about exploring emerging technologies and continuously enhancing technical skills.

EDUCATION

Sahyadri College of Engineering and Management,Adyar,Mangalore
Bachelor of Engineering in Computer Science (Data Science)   **2022–2026**
CGPA: 8.58

Viveka Pre University College,Kota,Udupi   **2020–2022**
State Board – PCMB: 87.83%

Government High School,Brahmavara,Udupi   **2017–2020**
State Board – SSLC: 89.92%

ACHIEVEMENTS

Social Innovation Project   **2022–2023**

- Completed a year-long program focused on innovative solutions to social issues.
- Demonstrated good performance in project-based learning and community-focused activities.
- Gained practical experience in applying design thinking and innovation in real-world scenarios. *Link*

Full Stack Development (MERN STACK with Bootstrap)   **April 2024–July 2024**

- Successfully completed a Full Stack Development (MERN Stack with Bootstrap) organized by Technical Career Education in collaboration with Sahyadri College of Engineering & Management, demonstrating Good performance. *Link*

PROJECTS

- **Credit Card Fraud Detection** – Python, Flask, HTML, CSS, ML Algorithm (Fraud Detection using Transaction file). *Link*
- **Gym Membership Management System** – MongoDB, Python, HTML, CSS, Flask (Create,Read,Update, Delete members details with membership plans). *Link*
- **Secure Communication and Intrusion Detection System** – Python, Flask, HTML, CSS, Scapy (Network Security, Packet Sniffer, ARP Spoofing). *Link*
- **College Management System** – Python, Flask, HTML, CSS (Streamline college management tasks such as result viewing, updating study materials, and sharing college updates). *Link*
- **WiFi Analyser** – Python, SQLite (Calculate the inserted Wifi signal strength and it's quality). *Link*

TECHNICAL SKILLS

Software Languages: Python, C, Java, HTML, CSS
Frameworks/Tools: Flask, Bootstrap, Pandas, MongoDB, SQLite, LaTex, Excel, GitHub
Certifications:

- Python for Data Science (Great Learning) *Link*
- JobReady Employability Skills (Wadhwani Foundation) *Link*

ADDITIONAL INFORMATION

Competitions:

- Participation – Techvision-2K25 (Sahyadri's flagship annual project exhibition).
- Participation – Cybershield:Next-Gen Defense Against Evolving Threats (Institution's Innovation Council (IIC), mInDS - Dept.Students Association, ISTE, and IEI.

Workshops:

- Building Intelligence:Hands-on Deep Learning with Real-Time-Data (Dr.Dinesh, Assistant Professor in NITK)
- Smart Path:Aptitude & Career Growth (T.I.M.E Mangalore)

Languages: Kannada, English, Hindi.

Interests: Cricket, Reading Books, Painting.