SABARINATHAN S

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PROFILE SUMMARY

Motivated engineering student with hands-on experience in web development, skilled in both front-end and back-end technologies. Proficient in HTML, CSS, JavaScript, and frameworks like Flask, with a strong focus on creating responsive, user-friendly web applications. Committed to continuous learning and professional growth.

EDUCATION

Kongunadu College of Engineering And Technology -B.E CSE   2022-2026
CGPA-8.1 (until 5th sem)

Karpaga Vinayaga Matric Higher Sec School - HSC   2020-2022
Percentage-89%

Karpaga Vinayaga Matric Higher Sec School - SSLC   2019-2020
Percentage-98%

INTERNSHIP EXPERIENCE

Skynoveau Technology (*Web Development*)

Developed a dynamic web application using HTML, CSS, JavaScript, and Flask for real-time user interaction. Enhanced user experience through responsive design, optimized performance, and integrated backend functionalities to ensure seamless data handling.

Intellectyx Data Science India pvt Ltd (*Data Analysis Using Python*)

Performed data analysis using Python, leveraging libraries like Pandas, NumPy, and Matplotlib. Cleaned, visualized, and interpreted datasets to extract actionable insights and support decision-making.

PROJECTS

Credit Card Fraud Detection — *MACHINE LEARNING*
Developed a machine learning model to detect fraudulent credit card transactions using data preprocessing and classification algorithms. Achieved high accuracy in identifying fraud patterns to enhance financial security.

CGPA Prediction — *MACHINE LEARNING*

Developed a predictive model using Python and machine learning algorithms to estimate students' CGPA. Analyzed academic and demographic data, achieving accurate predictions through data preprocessing and feature engineering.

Trust IoT – Advanced Security for Smart Devices and Networks — *Cyber Security*

Developed a security framework for IoT, focusing on device authentication, data encryption, and real-time network monitoring. Used Scapy for anomaly detection to prevent cyberattacks and ensure data integrity.

SKILLS

Languages: JAVA, PYTHON, JAVA SCRIPT

Developer Tools: GitHub, Vs code, Jupyter Notebook, Google colab, Canva

Technologies/Area of Interests: Web Development, Prompt Engineer

Languages known: Tamil, English

CERTIFICATIONS

AWS Certified Cloud Practitioner (**Amazon Web Services**)

Full Stack Development (**Simplar Academy**)