# 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**)

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