SAGAR K P

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SUMMARY:

Tech-enthusiastic undergraduate with a strong passion for learning and exploring innovative solutions. Currently pursuing a degree in ECE, I am eager to apply my technical skills and academic knowledge in a practical, real-world environment. Driven by curiosity and a commitment to professional growth, I am actively seeking internship opportunities where I can contribute to projects, develop new skills, and gain hands-on experience in the tech industry.

EDUCATION:

JSS Academy of Technical Education, Bengaluru
Bachelor of Electronics and Communication
Expected Graduation: May 2026
GPA: **8.8/10**

SKILLS:
Programming Languages: C, C++, Python, Verilog .
Web Development: HTML5, CSS3, JavaScript
Frameworks: NodeJS, ExpressJS.
Tools: Matlab, Axios
Soft Skills: Problem Solving, Proficient Speaker, Good Reader.

Projects:

Weather API Utilization
This uses Weather API that lies under domain of a public Api. Scrapes the data out of it and uses Vanilla JavaScript to show insights over the received data.
This is a serverless page that uses no backend and works completely on client-side rendering procedure.

Player Stats Dashboard (Clash of Clans)

This project utilizes the official Clash of Clans API to fetch real-time player information based on user input. It extracts key stats and details like trophies, town hall level, clan name, and attack/defense records.

Built with Vanilla JavaScript, this is a fully serverless application that runs entirely on the client side without the need for any backend, offering smooth and fast data rendering directly in the browser.

Temperature-Based Fan Speed Control System

- Technologies used: Arduino, LM35 Sensor, PWM, PID Control, Motor Driver
- **Description** : A temperature-based fan speed control system automatically adjusts the fan speed according to the surrounding temperature. It uses a temperature sensor, such as an LM35, to detect heat levels. The sensor sends analog signals to a microcontroller, which processes the data. Based on the temperature, the microcontroller controls the fan speed using a PWM signal. This ensures efficient cooling and energy savings. The system is ideal for electronics, appliances, and HVAC applications.

Experience:

I am a fresher, and this is my first internship. Although I am new to this internship, I have developed a good base and knowledge required by being a core member in Hostel Technical Support team.

Hobbies:

Reading Geographical and Fictional Novels.
Spend spare time playing chess

Links:

LinkedIn:

https://www.linkedin.com/in/sagar-k-p-918212333

ADDITIONAL EDUCATION DETAILS:

JSSATEB BANGALORE
Electronics and Communication
2022-2026
Grade –

Karkala Jnanasudha PU College,Udupi
12th Grade 2021-2022
Grade : 92.12%

Sri Satya Sai Loka Seva Vidyakendra, Alike.
Dakashina Kannada .
10th Grade 2019-2020 CBSE
Grade : 77.0%

CERTIFICATIONS:

- Python Essentials 1 cisco
- Python Essentials 2 cisco
- Matlab Onramp course
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