

# Jothiprasath P A

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## Profile

A motivated M.Sc. Computer Science graduate, eager to apply theoretical knowledge and practical skills acquired during academic studies in a dynamic team environment. Dedicated to learning and mastering new technologies and developing proficiency in emerging skills. Commitment to delivering high quality work, and a strong dedication to continuous professional development.

## Education

8.5/10	<b>M.Sc Computer Science</b> , Kongu Arts And Science College   Erode, TamilNadu	2022-24
6.9/10	<b>B.Sc Computer Science</b> , Kongu Arts And Science College   Erode, TamilNadu	2019-22

## Skills

<b>Programming Languages</b>	Python, embedded C, HTML, CSS
<b>Framworks</b>	Zephyr, Robot Framework, Bootstrap
<b>Software</b>	Linux, Windows
<b>Tools and IDE</b>	Git

## Internship

**FeOS Technologies Pvt.Ltd**, *Embedded system Developer, Intern* | Onsite Dec 2023 - Mar 2024

- Completed a 4 months internship at FeOS Technologies Pvt.Ltd in the domain of Embedded Systems, gaining practical experience in developing and testing embedded solutions.

## Projects

**Ethanol Detection in Automobiles** Jan 2024 - Feb 2024

- Developed Firmware to send MQTT alerts based on sensed alcohol value using Arduino library.
- Developed a Website Using HTML, CSS, and JavaScript to receive an Alert Message in the Web Dashboard.

**GPS tracker for Blind people** Feb 2024 - Mar 2024

- Developed the Python library that enables interaction with a Microbit device, specifically configuring analog periods and transmitting analog values, which can stimulate signal behaviors effectively.
- Developed and executed a test case using Robot Framework with the Python Library for automation capabilities.

### Personal Website

- Developed the personal website. This project involved the creation of a personal website using HTML, CSS, and Bootstrap. The website serves as an online portfolio, showcasing personal information, skills, projects, and contact details.
- The use of HTML provided the structure, CSS enhanced the visual styling, and Bootstrap ensured a responsive design compatible with various devices. Key features include a clean and modern layout, easy navigation, and an emphasis on user experience.

### Online Resume

- This project involved the creation of an online resume using HTML. The resume is designed to provide a comprehensive overview of professional qualifications, including work experience, education, skills, and contact information.
- The HTML structure ensures a clear and organized presentation of content, making it easy for potential employers to navigate and review. The design emphasizes readability and accessibility, with a focus on delivering information efficiently.

## Achievements

- Completed the Project [**Ethanol Detection in Automobiles and The testing for the project GPS tracker for Blind People**] during the internship
- Gave a Talk on the topic of “**Accessing GPIO in Zephyr**” in the Embedded Linux Meetup.

## Declaration

I hereby declare that the information furnished above is true to the best of my knowledge and belief. I understand that any misrepresentation or omission of facts may result in disqualification from consideration for employment opportunities. I authorize the verification of all details provided in this resume and consent to any necessary background checks that may be required for employment purposes.