

# 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, Javascript, Node.js
<b>Framworks</b>	Zephyr, Robot Framework, Bootstrap, Express.js
<b>OS</b>	Linux, Windows
<b>Tools and IDE</b>	Git, Postman
<b>Database</b>	postgreSQL

## 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

FeOS Technologies (Firmware Development)

- 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

FeOS Technologies (Testing)

- 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.

### Blog Web-Application

Backend Personal Project

- This project involved the creation of an Blog Webapplication using EJS,Node.js,Express,css. This Application is designed to make blogs in this users can make CRUD methods,.
- It is fully responsive, ensuring a seamless experience on both mobile and desktop devices.

### Book Note Web-Application

FULL Stack Personal Project

- This project involved the creation of an Book notes using EJS,Node.js,Express and PostgreSQL. This Application is designed to take Notes and store its info in this database. Users can make CRUD methods,.
- It is fully responsive, ensuring a seamless experience on both mobile and desktop devices.

## 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.