

# VIJAYADASS M

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## OBJECTIVE

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Front-End Developer with a Master's in Electronics, Communication, and Systems, skilled in building responsive, scalable, and user-friendly web applications. Proficient in HTML, CSS, JavaScript, and React, with a strong passion for creating impactful digital experiences in collaborative environments.

## EXPERIENCE

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### Front-End Developer - Zuul, Bangalore

Jun 2023 – Jan 2024

- Built and maintained responsive web applications using HTML, CSS, JavaScript, and React, ensuring seamless user experiences.
- Optimised UI components and created reusable code libraries, reducing development time by 20% across multiple projects.
- Coordinated with the development team to release client-requested features on schedule, contributing to improved user satisfaction.

### Embedded Developer - Enarxi, Chennai

Sep 2022 – Feb 2023

- Engineered and validated PCB layouts in EasyEDA, improving the reliability of hardware systems.
- Directed end-to-end hardware development processes, including etching, drilling, and Surface Mount Device (SMD) techniques.
- Integrated embedded hardware with software applications, enabling real-time solutions for cross-functional teams.

## EDUCATION

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| • <b>Masters of ECS</b> , Sri Krishna Arts and Science College, Coimbatore<br>Percentage: 85%  | 2022 |
| • <b>Bachelor of Electronics</b> , St Joseph's College, Trichy<br>Percentage: 72%              | 2020 |
| • <b>Higher School Leaving Certificate</b> , E R Hr. Sec. School, Trichy<br>Percentage: 70%    | 2017 |
| • <b>Secondary School Leaving Certificate</b> , E R Hr. Sec. School, Trichy<br>Percentage: 60% | 2015 |

## SKILLS

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### Technical Skills:

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|---|---------------------------------------|
| • <b>Languages:</b> HTML, CSS, JavaScript, Python | • <b>Version Control:</b> Git, GitHub |
| • <b>Frameworks &amp; Libs:</b> React.js          |                                       |

## Soft Skills:

- Adaptability
- Teamwork
- Time Management
- Observation

## PROJECTS

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### IoT Real-Time GPS Location Tracker - Final Year Project at Master's of ECS

**Technologies:** Embedded C, NodeMCU, Blynk, Ublox Neo-6M GPS

- Developed a GPS tracking system integrating NodeMCU with Ublox Neo-6M, achieving high-accuracy location monitoring.
- Configured data transmission to the Blynk app, enabling users to view live coordinates and analyse location history.
- Optimised Embedded C code to improve power efficiency by 15%, ensuring reliable real-world performance.
- Presented a scalable prototype with applications in fleet management, asset tracking, and IoT-enabled mobility.

### Calculator & BMI Calculator – Front-End Projects

**Technologies:** HTML, CSS, JavaScript, React.js

- Designed a responsive BMI calculator for desktop and mobile devices with dynamic health indicators.
- Built a calculator supporting standard arithmetic operations with instant results.
- Applied input validation, error handling, and dynamic styling to improve usability.
- Deployed both projects on Netlify/GitHub Pages, showcasing front-end development skills.

## CERTIFICATIONS

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| • Front-End Developer (Coursera)                                      | Oct - 2023 |
| • AI for India – National Online Workshop (GUVI)                      | Jul - 2021 |
| • Certificate of Merit – Management Excellence (St. Joseph's College) | Jan – 2018 |