

# VIJAYAKUMAR M

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## PROFILE

Motivated Full Stack Developer with hands-on experience in designing, building, and maintaining responsive web applications. Proficient in front-end and back-end technologies with a focus on performance and usability. Passionate about writing clean, scalable code, fixing bugs efficiently, and continuously learning new tools to stay updated. Ready to work with teams and grow through real-world projects.

## TECHNICAL SKILLS

• Python	Java	C Programming	Express	Flask	SpringBoot
• HTML	CSS	JavaScript	React Js	SQL	MongoDB
• VS Code	GitHub	Postman	Docker	Canva	MS Office

## PROJECTS

### Smart Attendance Management System(SAMS) | (Flask, Geolocation API, MySQL) | [Link](#)

Built with Python Flask, SAMS tracks student attendance using geolocation based check-ins to prevent fake check-ins with a user-friendly interface.

### Result Publishing System | (PHP, HTML, CSS, MySQL)

A web application built with PHP, HTML, and MySQL to efficiently manage and publish student exam results. Students can quickly view their results through a clean and easy-to-use interface, ensuring fast access to their academic performance.

### Diabetic Retinopathy Detection | (Python, Flask, CNN, OpenCV) | [Link](#)

Developed a web app to detect diabetic retinopathy using image classification. Trained a model on labelled retinal images and deployed it with a Flask-based UI for image upload and live camera input.

### Empower Her – Women’s Safety Platform | (HTML, CSS, JS, Flask, Google Maps API)

Developed a web platform enabling SOS alerts, live location tracking, and safe journey monitoring. Integrated trusted contact systems and map visualization for real-time updates.

### YouTube Transcript Summarizer with AI Integrated | (JavaScript, Chrome APIs) | [Link](#)

AI Platform Summarizer – Chrome Extension Built a Chrome extension to summarize YouTube transcripts using ChatGPT, Gemini, or Claude. Automated transcript extraction, prompt injection, and platform submission using Chrome APIs.

## INTERNSHIPS

### NIT Goa – BCI Technology Intern | [Link](#)

Feb 2023–Mar 2023

Studied basic and advanced Brain-Computer Interface (BCI) concepts and neural signal processing. Gained hands-on experience integrating neuroscience with programming and data analysis. Used modern tools to implement BCI systems, adapting to new technologies.

### KritiLabs Technologies - Software Development Intern | [Link](#)

Sep 2024 – Oct 2024

Developed expertise in Spring Boot by building scalable backend applications with RESTful APIs and database integration, delivering efficient server-side solutions. Worked with ERP Next and the Frappe Framework to analyze and manage HRMS for better organizational workflow. Mastered Python Flask by creating lightweight web apps, implementing server-side logic and RESTful API.

## EDUCATION

### Bachelor of Technology in Information Technology

Nov 2022 – Present

Jeppiaar Institute of Technology | CGPA: 8.22/10

## CERTIFICATIONS & ACHIEVEMENTS

- Hack-Xplore([Hackathon](#))
- EmbedIoT([Hackathon](#))
- HTML-5([Udemy](#))
- Data Analytics ([Infosys Springboard](#))
- Python Essentials([Udemy](#))
- Java script ([Guvi](#))
- Web Design ([Infosys Springboard](#))
- Software job simulation in walmart ([Forage](#))