

# Balaji M

Software Developer [Github](#) [Linkedin](#)  
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Tirunelveli, Tamilnadu

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## SKILLS

**Programming Languages :** Python, Javascript, C, C++, Java, R

**Frontend Technologies :** ReactJS, HTML, CSS, Bootstrap

**Backend :** Flask , FastApi, Django , Node.js, MongoDB, SQLAlchemy (Postgres, SQLite)

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## EDUCATION

**Vellore Institute of Technology:** 2022 - 2026

Btech - Computer Science and Engineering

**Pushpalata Vidya Mandir:** 2018 - 2022

Higher Secondary education - CBSE

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## PROJECTS

**ACMOne :** June 2024

ACMOne is an app to manage activities within the ACM-VIT Chapter

Tech Stack: React Native, FastApi, SQLAlchemy(Postgres)

Developed and maintained backend services for the React Native application, with additional contributions to frontend page implementation. App Link: [PlayStore](#)

**Meal Mate :** April 2024

MealMate is an website to manage orders for canteens in colleges, including both customer and employee portal

Tech Stack: Flask, SQLAlchemy(SQLite), HTML, CSS, Javascript. [GitHub](#)

Developed the complete Backend along with some contributions to frontend integration.

**Sight Sync :** March 2024

SightSync is a "Smart Vision Helmet" for visually impaired individuals, powered by a Raspberry Pi 4. It features real-time perception of the surrounding and text-to-speech responses.

Tech Stack: OpenCV, LLMs, Python [GitHub](#)

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## WORK EXPERIENCE

**Web Developer Intern at Astute** June 2024 - July 2024

Worked on developing APIs and frontend integration. Integrated Hugging Face's API with a Flask backend to automate content generation, leveraging natural language processing models for enhanced product marketing

Tech Stack: Flask, FastApi, SQLAlchemy

**Backend Developer Intern at Jurident** April 2024 - June 2024

Worked on developing APIs and frontend integration

Tech Stack: Node.js, ReactJS, MongoDB

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## STUDENT ORGANIZATIONS

**Association for Computing Machinery (ACM-VIT)** April 2024 - Present

Member of Core-Committee and Web Development department

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## PUBLICATIONS

Precision Agriculture using ML (in - Progress)