

Balaji M

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

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)

EDUCATION

Vellore Institute of Technology: 2022 - 2026

Btech - Computer Science and Engineering

Pushpalata Vidya Mandir: 2018 - 2022

Higher Secondary education - CBSE

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](#)

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

STUDENT ORGANIZATIONS

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

Member of Core-Committee and Web Development department

PUBLICATIONS

Precision Agriculture using ML (in - Progress)