

# VIGNESH H.V

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## PROFESSIONAL SUMMARY

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A motivated and results-oriented 3rd-year Computer Science student with hands-on experience in full-stack web development using Python, Flask, and React. Passionate about solving complex problems and building practical applications. Eager to apply a foundational understanding of mobile development from a Flutter workshop to contribute to an innovative team. Proven ability to rapidly learn, debug, and modernize complex codebases, as demonstrated through extensive portfolio project work.

## EDUCATION

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### Bachelor of Engineering (B.E), Computer Science

Canara Engineering College, Mangalore

Expected Graduation: 2027 | Current CGPA: 8.5 / 10.0

## TECHNICAL SKILLS

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Languages	Python, Java, JavaScript, C++, C, HTML/CSS, Solidity
Frontend	React.js
Backend	Flask, Node.js, Express.js
Machine Learning	Scikit-learn, Pandas, XGBoost, Joblib
Tools & IDEs	Git, GitHub, VS Code, Android Studio, IntelliJ IDEA

## PROJECTS

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## Disease Risk Prediction Web Application | [GitHub Repository](#)

- Engineered a full-stack web application using Python and Flask to provide real-time disease risk predictions based on user-inputted health data.
- Took ownership of the project's modernization by debugging all runtime errors, rebuilding the virtual environment, and resolving an extensive list of missing dependencies.
- Designed and built the complete HTML front-end, including templates for user authentication, a central dashboard, and data submission forms.

**Tech Stack:** Python, Flask, Scikit-learn, Pandas, XGBoost, HTML/CSS, SQLite

## MediChain-Innovate (Hackathon Project) | [GitHub Repository](#)

- Developed a blockchain-based solution using the MERN stack to create a transparent and secure medical supply chain, demonstrating rapid development skills.
- Engineered a RESTful API with Node.js and Express.js to manage inventory and track supplies via smart contracts.

**Tech Stack:** React.js, Node.js, Express.js, MongoDB, Solidity

## Green Campus Management | [GitHub Repository](#)

- Designed a system to digitally manage campus records, including tree-planting initiatives and STP maintenance schedules to improve administrative efficiency.

**Tech Stack:** [List your tech here, e.g., Python, Tkinter, SQLite]

## TRAININGS & CERTIFICATIONS

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### Mob-App Development using Flutter Workshop

Canara Engineering College | Mar 2025

- Gained foundational skills in mobile app development during a two-day, hands-on workshop, covering app creation fundamentals and UI design principles.

### UiPath Diplomas of Completion

UiPath Virtual | Dec 2024

- Completed multiple diplomas including Introduction to AI Automation, Excel Automation, and UI Automation with Modern Design.