

Bhuvan Shetty

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EDUCATION

- **Vivekananda College of Engineering and Technology(VTU)** Puttur, Karnataka
Master of Computer Applications Present
- **St. Aloysius Autonomous College** Mangalore, Karnataka
Bachelor of Science in PCsM June '23

SKILLS SUMMARY

- **Languages:** C, Python, Java, JavaScript, TypeScript
- **Frameworks & Libraries:** React.js, Next.js, Node.js, Express.js
- **Databases & Tools:** MySQL, MongoDB, Firebase, Git, GitHub, Framer Motion

PROJECTS

- **Automated News Article Classification using ML (HACKATHON PROJECT)** April '25:
 - **Description:** Built an end-to-end machine learning solution that classifies news articles into predefined categories using NLP techniques and Flet for the interactive user interface.
 - **Features:** Integrated preprocessing pipeline (tokenization, lemmatization, vectorization using BERT), trained classification model, real-time article input, speech-to-text and category prediction with a responsive UI.
 - **Tech Stack:** Flet, Python, Jupyter Notebook, Machine Learning, NLP, Text-Based Classification.
 - **GitHub Link:** github.com/bhuvan2018/news_article_classification
- **SafeWalk: Ensuring Women Safety in Public Spaces** November '24 - March '25:
 - **Description:** Developed a cross platform mobile application for women's safety, featuring SOS button, incident reporting, safety routes, and emergency contacts.
 - **Features:** User & Admin auth, SOS alert, Safety-routes, Community feedback & Incident Reporting.
 - **Tech Stacks:** React Native, Tailwind CSS, TypeScript, Next.js, Framer Motion, Firebase.
 - **GitHub Link:** <https://github.com/bhuvan2018/safe-walk-App>
- **Quiz Master Website** November '24 - January '25:
 - **Description:** Developed a full-stack MERN web application as part of an internship, focusing on user authentication, CRUD operations, and real-time data handling.
 - **Features:** Secure login system, dynamic UI with React.js, backend API with Node.js and Express.js, and MongoDB for data storage.
 - **Tech Stack:** React.js, Tailwind CSS, Node.js, Express.js, MongoDB.
 - **GitHub Link:** github.com/bhuvan2018/internship_project
- **Real-Time IoT-Enabled Smart Fuel Flow Meter** February '25 - March '25:
 - **Description:** Developed an IoT-based fuel flow meter for real-time monitoring with fuel measurement.
 - **Features:** Captures fuel flow data using sensors, processes it with ESP32, and displays real-time readings on an LED display.
 - **Components Used:** Flow sensor, LED display, ESP32 MCU, Arduino.
 - **Tech Stack:** C++, Arduino IDE.
 - **GitHub Link:** <https://github.com/bhuvan2018/Smart-Fuel-Flow-Meter>

INTERNSHIP

- **Intern:** MERN Stack Intern at Zephyr Technologies and Solutions Pvt Ltd Mangalore (Nov '24 - Jan '25)

OPEN SOURCE CONTRIBUTION

Contributed to the Anzone Women Safety Website by enhancing UI components and optimizing form validations. Worked on two departmental IT fest websites, improving layouts, implementing dynamic content, and ensuring responsiveness with backend of receiving the user data to the admin handling.

ACHIEVEMENTS

- Secured 1st place twice in coding competitions.
- Won 1st place in a web designing competition.
- Achieved 1st place in the Google-it challenge.