

VAMSHIKA C

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OBJECTIVE

Motivated and detail-oriented third-year undergraduate student with strong problem-solving and programming skills. Seeking opportunities to contribute to impactful projects and grow as a software professional.

EDUCATION

Bachelor of Engineering: Computer Science and Engineering, CGPA: 9.13/10 2022 - 2026
Bangalore Institute of Technology, Bangalore

12th Grade: PCMB, 94.8 percentage 2020 - 2022
BASE PU college, Mysore

SKILLS

Programming Language:	Python, Java, C
Front End & UI/UX	HTML, CSS, Javascript, Figma
Backend & Database	Flask , MySQL
Cloud & Devops	AWS, Jenkins
Tools & Platforms	Git, GitHub, VS Code
Soft Skills	Communication, Adaptability, Teamwork, Attention to detail

PROJECTS

Online Chatbot for Museum Ticketing. An AI-powered chatbot that automates museum ticket booking, offering real-time assistance and seamless ticket management. Enhance visitor engagement while reducing manual effort.
Tech Stack: Flask, SQLAlchemy, Flask-SocketIO, JWT authentication, HTML, CSS, JavaScript, Flask-Mail, Flask CORS

A website for apparel SIZE recommendation . This project uses the YOLO model to detect clothing sizes from uploaded images, calculating shoulder and waist measurements to recommend appropriate sizes for various brands. Then it redirects to the shopping sites to purchase the detected size.
Tech Stack: Flask, YOLO, OpenCV, HTML, CSS, JavaScript, Selenium, python

Pneumonia Detection Using CNN . Developed a CNN model to classify chest X-ray images as normal or pneumonia-affected. Achieved high accuracy in test data, demonstrating the potential of the model in helping early medical diagnosis.

SHIELD: Accident Alert System . It is an IoT-based system designed to detect accidents in real time and alert emergency services instantly to reduce response time and save lives.

INTERNSHIP AND EXTRA-CURRICULAR ACTIVITIES

- **Fidelity Investments** – FSE Intern: Worked on database pipelining using Jenkins to identify invalid database objects and detect roles with missing privileges, enabling automated reporting for faster issue resolution.
- **Ideaverse 2025** - Third Place Winner, awarded for presenting SHIELD, an innovative and impactful idea that addresses social challenges.
- Sub-Core Member — Event Management — Eswachha Club, BIT (2023-2024)

CERTIFICATES

- Machine Learning Specialization — Coursera (ongoing-2025)
- WEB development Bootcamp — Coursera (ongoing-2024)
- Introduction to Python: Basics of Python — EdX (2023)