

# SUSHMITHA BALIGA B

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## Career Objective

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Motivated Computer Science and Engineering graduate with a specialization in Artificial Intelligence and Machine Learning. Proficient in Python, C++, Linux, and object-oriented programming (OOP). Eager to apply strong analytical and software development skills to real-world challenges and contribute to innovative software solutions.

## Education

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**Vemana Institute Of Technology**  
*BE in Computer Science Engineering - AIML*  
**Expert PU College**  
*PCME*

**Dec. 2021 – 2025**  
*CGPA - 9*  
**May. 2019 – Aug. 2021**  
*93.17*

## Experience

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**Intern** | *Unified Mentors* | *Heart Disease Predictor* **Sep. 2024 - Oct. 2024**

- Gained valuable insights from this organization and worked on several machine learning projects, including a heart disease predictor using a binary classifier (logistic regression) with a Streamlit-based frontend.

**Intern** | *Unifirst Robotics* **Oct. 2023 - Nov. 2023**

- Initially received training on data analytics tools like Tableau and Microsoft Power BI. Inspected datasets, utilized Tableau, and developed a strong understanding of data analytics.
- Explored the significance of data for Generative AI and learned how to create visually appealing dashboards using Gen AI and Tableau. researched various available Gen AI tools.

## Projects

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**AI Driven Honeypot System** | *Python, Hugging Face LLM, GAN* **Present**

- This project develops an advanced AI-driven honeypot system to enhance cybersecurity. Decoy systems to attract and monitor attackers, This approach strengthens security and supports proactive threat intelligence and response.

**Machine Learning based web application** | *HTML, Tesseract-OCR, Python* **Apr. 2024 - May. 2024**

- This project integrates machine learning, HTML, and Tesseract-OCR in Python to build a web application.
- Users can upload images of handwritten text, which the system processes to extract and display the text in a textbox for editing or documentation.

**Resort Management App** | *php, CSS, MySQL* **Oct. 2023 - Nov. 2023**

- This project involves creating a dynamic website using PHP to generate and manage interactive content.
- It integrates MySQL for efficient data storage, retrieval, and management, enabling seamless server-side functionality.
- Further this project also involved testing the application for quality assurance using selenium.

## Technical Skills

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**Languages:** C++, Python, JavaScript, React

**Developer Tools:** Git, VS Code, Jupyter-Notebook, Linux-debian versions

**Technologies/Framework:** Flask, MySQL, Nmap, Docker, Wireshark, Airmon-ng

**Testing Tools:** Postman, WSL