

Hemanth Nagaraj

Software Engineer

✉ hemanthnagaraj2004@gmail.com

☎ +91 9945223533

🌐 LinkedIn

📍 Bengaluru

📄 PROFILE

B.Tech Computer Science and Engineering student at **Presidency University, Bengaluru**, with a strong foundation in **Java, and Data Structures & Algorithms**. Experienced in **software development, and automation**, with hands-on projects in **chatbots and web application development**.

🧠 TECHNICAL SKILLS

Programming Languages

Java | HTML5 | CSS3

Databases

MySQL

Front end Framework

React | Bootstrap

Back end Frameworks

Node.js

📁 PROJECTS

Blood Bank Automation System

01/2023 – 06/2023

Automation of blood bank processes to improve efficiency and ensure timely blood availability.

Tech: Arduino, Embedded C, Blynk IoT

Developed an **Arduino-based system** to automate blood inventory management.

Designed an **IoT-based real-time monitoring system** to update blood stock availability.

University Chatbot

01/2024 – 06/2024

Development of a chatbot to assist university students with academic and administrative queries.

Tech: Python

Built a chatbot capable of responding to students' text-based queries regarding courses, schedules, and university services.

Designed a **predefined question-answer repository**, ensuring quick and accurate responses to common student queries.

💼 INTERNSHIPS

System Tron - Python Programming Intern

01/2025 – 02/2025

Gained hands-on experience with **Python, Tkinter, and Pygame**.

Designed and built a **digital and analog clock** using Tkinter for GUI.

Designed and developed games implementing game logic

📜 CERTIFICATE AND COURSES

DSA Using Java – CodeChef

Java Problem Solving – CodeChef

🏆 ACHIEVEMENTS

Top 70 Finalist – Innovative Project Expo 2023 (Blood Bank Automation using Arduino & Embedded C).

Top 50 Finalist – Innovative Projects Competition (University Chatbot).

🎓 EDUCATION

B.Tech in Computer Science and Engineering

Presidency University, Bengaluru

2022 – 2026