BHAVANA H.P

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OBJECTIVES

Final-year Computer Science student with strong foundation in software development, data analytics, and AI projects. Proficient in Python, SQL, and web technologies. Seeking entry-level IT opportunities to apply technical and analytical skills in real-world problem-solving.

SKILLS

Languages: Python, HTML, CSS, JavaScript, Java, SQL,UI/UX
Databases: MySQL
Platforms: Git, GitHub, Jupyter Notebook, Power BI, Excel, VS Code
Soft Skills: Problem Solving, Collaboration, Project Ownership

PROJECTS

- **Portfolio Website (view it here)**
  Designed and developed a personal portfolio website using HTML, CSS, and JavaScript to showcase projects and skills. Built a responsive portfolio website, improving accessibility across 3 device formats (desktop, tablet, mobile) and deployed on GitHub Pages.

- **Chatbot Portfolio (2025)**
  Designed and developed an interactive chatbot-based portfolio website using HTML, CSS, and JavaScript with a responsive and user-friendly interface. Focused on enhancing **UI/UX** through clean layouts, intuitive navigation, and mobile-first design principles. Integrated chatbot functionality for improved user engagement, making the portfolio both functional and visually appealing.

- **Data Analysis Project (Online Internship Studio)**
  Collected Kaggle dataset (X records) and created a SQL database. Cleaned and prepared data with SQL and Python (Pandas), handling missing values, outliers, and feature engineering for time-based analysis. Performed exploratory and advanced analytics (cohort, segmentation, churn) using Pandas, Matplotlib, and Seaborn, delivering actionable insights via Excel reports.

- **Hand Gesture Robot (Ongoing)**
  Developing a robot using Arduino, ultrasonic sensors, and gesture modules, controlled through specific hand commands. Focused on enabling real-time interaction using gesture-based inputs. Exploring applications in robotics, IoT, and human–machine interaction.

- **Potato Leaf Disease Detection**
  Developed a deep learning system using Python, TensorFlow/Keras, and OpenCV to classify potato leaf diseases with CNNs.

- **URL to QR Code Converter**
  Created a responsive web application using HTML, CSS, JavaScript, and Python (Flask) to generate QR codes from URLs.

CERTIFICATION

- TATA, Gen AI Powered Data Analytics — July 8th, 2025
- ISTUDIO, Skill Assessment — July 7th, 2025
- NPTEL, Database Management Systems — Jul–Sep, 2024
- GUVI (HCL Group), Fundamentals of Generative AI — Sep 21st, 2024

EDUCATION

B.E. Computer Science — Expected: 2026
Navkis College, Hassan — CGPA: 8.5 / 10

PUC — 2020–2022
B.G.S PU College, Hassan — Percentage: 89