

# BHAVRATTAN SINGH BAGGA

## Web Developer

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### Objective

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A highly motivated and passionate Web Development Fresher with a strong grasp of fundamental web development principles. Possessing hands-on experience in building and deploying full-stack web applications, including a stationary management website.

### Core Skills

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**Web Development:** HTML5, CSS3, JavaScript

**Programming & Database:** Python, C, C++, MySQL

**Tools & Libraries:** Colab & Jupyter Notebook, Power BI, Git, MS Excel, NumPy, Pandas, Matplotlib, Plotly, Scikit-learn, PyTorch, TensorFlow, Keras, NLTK, OpenCV, transformers, Postman.

### Key Projects

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#### Stationary Management Website | *Web Development*

- Collaborated with a team of six to develop a stationary management website. Contributed to both the frontend and backend, ensuring seamless integration and project completion.

#### Sentiment Analysis | *Python*

- Developed a Python application using a custom-trained TensorFlow model to classify the sentiment of Amazon reviews. The project features an interactive Tkinter GUI for real-time sentiment prediction from user-input text.

#### Heart Disease Prediction | *Python*

- Built a machine learning model using scikit-learn's Random Forest to predict heart disease. The project includes an interactive Tkinter GUI that allows users to input data and get a real-time risk assessment.

#### Ticket Booking System | *Python, MySQL*

- Developed a command-line ticket booking system using Python and MySQL. The application allows users to book, cancel, and check flight reservations.

### Certifications

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- **SQL for Data Science – Coursera:** Covered SQL queries for data manipulation.
- **Python for Machine Learning - Ansh Infotech:** Covered Python, Machine Learning models.

### Education

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**B.Tech in Computer Science & Engineering**

*PCTE Institute of Engineering & Technology, Ludhiana*

**Expected Graduation: 2026**

*CGPA: 7.2 / 10*