AFTAB YARAGATTI

PYTHON | FRONTEND DEVELOPER

Address: Mehboob Nagar Chikodi Karnataka | **Email:** aftabyaragatti80@gmail.com | **Contact:** +916362099891
LinkedIn: https://www.linkedin.com/in/aftab-yaragatti | **GitHub:** https://github.com/AftabYaragatti143

ABOUT ME

Frontend Developer and Python Programmer with hands-on experience in building responsive web interfaces using HTML, CSS, JavaScript, and React.js. Proficient in developing backend logic with Node.js/Express.js , integrating REST APIs, and applying Python for automation and data-driven applications. Familiar with core concepts in Artificial Intelligence and Machine Learning, including data preprocessing and model building using Scikit-learn, Pandas, and NumPy. Strong problem-solving skills, quick adaptability, and a passion for creating real-world solutions.

SKILLS

TECHNICAL SKILLS

- **Programing:** Python, Java.
- **Frontend Development:** HTML,CSS,JS,React.js
- **Backend Development:** Node.js/Express.js,Python
- **Database:** SQL, DBMS,MongoDB
- **Tool & Frameworks:** Git,Github,Numpy, Pandas, Matplotlib
- **Others:** Machine Learning, Artificial Intelligence

SOFT SKILLS

- Strong Communication Skills
- Problem Solving
- Leadership Abilities
- Team Management
- Team Leadership

PROJECTS

Lung Cancer Detection Using CT Scan Images and ML **June 2025 - Present**

- Built a Convolutional Neural Network (CNN) using TensorFlow and Keras to detect lung cancer from CT scan images.
- Applied image preprocessing, augmentation, and feature extraction using OpenCV and NumPy.
- Achieved high classification accuracy and performance on test datasets.
- Developed a full-stack web application with React.js frontend and Python backend (Flask/Streamlit) to display patient details and diagnosis results.
- Tools & Technologies: Python, TensorFlow, Keras, OpenCV, NumPy, Pandas, Flask, Streamlit, React.js

Heart Disease Prediction using ML **March 2025 - June 2025**

- Created a logistic regression model with 91% accuracy to predict heart disease using clinical data.
- Performed data cleaning, feature selection, and model evaluation with cross-validation techniques.
- Ensured privacy and compliance in handling sensitive healthcare data.
- Deployed the solution as a web app with a React.js frontend and Python backend for real-time prediction.
- Tools & Technologies: Python, Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn, Flask, React.js, Jupyter Notebook

Interactive Portfolio Website **December 2024 - February 2024**

- Designed and developed a personal portfolio website using React.js, HTML, CSS, and JavaScript.
- Showcased projects, technical skills, resume, and contact form.
- Optimized for SEO, performance, and cross-device responsiveness.
- Tools & Technologies: HTML, CSS, JavaScript, React.js, Git, GitHub, VS Code

Interactive Infographic Website **August 2024 - October 2024**

- Developed a dynamic infographic website using React.js and data visualization libraries.
- Translated complex datasets into visual insights using charts, icons, and interactive components.
- Prioritized accessibility, responsiveness, and user experience.
- Tools & Technologies: HTML, CSS, JavaScript, React.js, Chart.js, Recharts, Git, GitHub, VS Code

EDUCATION

- **HIRASUGAR INSTITUTE OF TECHNOLOGY NIDSOSHI** **2022 - 2026**
  BE in Computer Science and Engineering | CGPA : 8.92 /10
- **BASAVJYOTI PRE-UNIVERSITY COLLEGE EXAMBA, CHIKODI** **2020 - 2022**
  Science | 86.83%
- **CSS HIGH SCHOOL CHIKODI** **2017 - 2020**
  SSLC | 76.48%

CERTIFICATION

- **Machine Learning [Placemantra]** - View Certificate
- **Python [Infosys Spring Board]** - View Certificate
- **Artificial Intelligence [NoviTech]** - View Certificate
- **Frontend Web Development [Unified Mentor]** - View Certificate
- **Java [Infosys Spring Board]** - View Certificate
- **DBMS [Infosys Spring Board]** - View Certificate
- **FullStack Web Development [Udemy]** - View Certificate

HOBBIES & INTEREST

- Self-learning through online tech courses
- Teaching and mentoring peers in technical subjects
- Singing and exploring music genres