

AFTAB YARAGATTI

PYTHON | FRONTEND DEVELOPER

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SUMMARY

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, 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

- Programming:** Python, Java, C
- Web Development:** HTML,CSS,JS,React.js
- Tool & Frameworks:** Numpy, Pandas, Matplotlib
- Database:** SQL, DBMS
- Others:** Machine Learning, Artificial Intelligence

SOFT SKILLS

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

PROJECTS

HEART DISEASE PREDICTION

March 2025 - June 2025

- Developed a Logit (logistic regression) model to predict the likelihood of heart disease, achieving 91% accuracy. Focused on clinical data analysis, feature selection, and model evaluation using Scikit-learn, Pandas, and NumPy. The project showcased the integration of machine learning and data privacy standards in healthcare analytics

CREDIT CARD FRAUD DETECTION

January 2025 - February 2025

- Designed and implemented a logistic regression-based machine learning model to detect credit card fraud with an 87% accuracy rate, focusing on minimizing false positives. Utilized Scikit-learn, Pandas, and NumPy for data preprocessing, model training, and evaluation. Emphasized imbalanced data handling techniques to improve detection precision and reduce false alarms in real-time financial transactions.

STUDENTS PERFORMANCE PREDICTION

November 2024 - December 2025

- Built and deployed a supervised ML model to predict student performance using historical and behavioral data. Achieved 96% accuracy with Scikit-learn, Pandas, and NumPy, focusing on data cleaning, feature selection, and evaluation.

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

HOBBIES & INTEREST

- 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](#)

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