



JAIRAJ KOLHATKAR

PYTHON DEVELOPER

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EDUCATION

B.E in Computer Science | June 2023
Prof Ram Meghe College of Engineering & Management, Amravati, India

12th | March 2019
Golden Kids Junior College, Amravati, India

10th | March 2017
Dnyanmata High School, Amravati, India

SKILLS

Programming Languages:

Python, SQL, JavaScript, HTML5, CSS3

Frameworks & Libraries:

Flask, React, NumPy, Pandas, scikit-learn, TensorFlow, Keras, PyTorch

API Development:

RESTful APIs, NewsAPI, Web Scraping

Databases:

MySQL, SQLite, MongoDB

Development Tools:

Git, GitHub, VS Code, PyCharm

Data Science & ML:

EDA, Data Visualization (Matplotlib, Seaborn, Plotly), ML Algorithms (Regression, Classification, Clustering), NLP

ACHIEVEMENT

Winner of Smart India Hackathon (SIH)

2022 Organized by AICTE and MoE's Innovation Cell to encourage students to solve real-life problems while fostering a culture of product innovation and a problem-solving mindset.

SUMMARY

Dedicated Python Developer with hands-on experience in building scalable web applications and implementing machine-learning solutions. Proficient in Python frameworks like Flask and React, with strong expertise in data analysis, algorithm development, and database management. Known for writing clean, optimized code and delivering high-performance software. Passionate about solving real-world problems through innovation and continuous learning.

PROJECT

News Aggregator CLI App

- Developed a CLI-based Indian news app using **NewsAPI** and **web scraping** for real-time headlines.
- Implemented **category filtering** and **source selection** for personalized news.
- Built an interactive **menu interface** using Python's **requests** and **BeautifulSoup** libraries.

Prediction of Placement and Admission based on Demographic Attributes

- Created a machine learning app to predict student outcomes using **demographic data**.
- Applied **EDA** and algorithms like **Random Forest**, **XGBoost**, and **Neural Networks**.
- Built a web interface with **Flask** and visualized results using **Matplotlib** and **Seaborn**.

Expense Tracker Web Application

- Built an interactive web app using **Python Flask** and **SQLite** for expense tracking.
- Integrated features like **expense management**, **payment method tracking**, and **Indian currency support**.
- Added **interactive charts** and a **responsive design** for cross-device compatibility.

Blog Application with Flask and React

- Developed a full-stack blog platform with **Flask backend** and **React frontend**.
- Implemented **user authentication**, **content management**, and **RESTful APIs**.
- Designed a **responsive UI** and used **SQLAlchemy ORM** for efficient database access.