Aditya Birangaddi

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LinkedIn

PROFILE

Motivated and skilled Python Developer with a strong foundation in backend development, data structures, and algorithms. Proficient in building RESTful APIs using Fast API/Flask, integrating databases like PostgreSQL, and deploying applications on Google Cloud Platform. Completed impactful projects in automation and assistive technology, along with internships in machine learning and backend development. Adept in Python, Java, SQL, and possesses a collaborative and problem-solving mindset.

TECHNICAL SKILLS

Programming Languages: Python, SQL, Java, PHP
Wen/Backend Technology: Fast API, Flask, REST API
Cloud computing: Google Cloud Platform, Azure
Machine Learning: Scikit-learn, Python 3.12, Anaconda
IDE/Tools: PyCharm, VS Code, Eclipse, IntelliJ, NetBeans
Database: PostgreSQL, Oracle DB
Others: PyQt5, Data Structures and Algorithms, Jira, Agile

Projects

Cybotronics (Intern)

Python Backend Developer   **Dec 2024 – Mar 2025**
– Developed RESTful APIs and integrated them with PostgreSQL.
– Deployed services using GCP for projects like Security Notification System and MDM-AI.
– Collaborated with cross-functional teams to understand requirements and deliver scalable backend solutions
– *Technologies*: Python, Fast API/Flask, PostgreSQL, GCP.
– *Role*: Backend Developer.

SkillDzire (Machine Learning Intern)   **Aug 2023 – Oct 2023**

– Built a predictive model for water quality using machine learning techniques.
– Focused on data preprocessing and model evaluation.
– Visualized data insights using Python libraries like Matplotlib and Seaborn.
– *Role*: Developer.

Automated Forex Trading Bot with Technical Indicators and Back-testing (College Project)   **Sep 2024 – Mar 2025**

– Developed a Forex trading robot (Expert Advisor) using MQL4 for Meta Trader 4.
– Implemented hybrid strategies using technical indicators (RSI, MACD) and Japanese candlestick patterns.
– Used Python for back-testing and data analysis.
– *Tools*: MT4, MQL4, Python, RSI, MACD, Back-testing tools
– Role: Developer & Tester

SnapRead (College Project)   **Sep 2023 – Dec 2023**

– Built a text-to-speech assistive tool that captures and reads out text from images.
– Leveraged image processing and OCR capabilities in Python.
– Designed a basic GUI interface for easy interaction using PyQt.
– Integrated TTS (Text-to-Speech) engine to convert extracted text into speech output
– *Tools*: Python, PyCharm
– Role: Developer & Tester

Certifications

- Machine Learning – Udemy
- Complete Java Certification - Udemy
- Python Bootcamp - Udemy

Educations

MITM- Sindhudurg, Mumbai University   Sindhudurg, Maharashtra

Bachelor of Technology in Computer Science   *July 2022 - June 2025*

CGPA-8.10

YCP College, Yadrav   Yadrav, Maharashtra

Diploma in Information and Technology   *April 2019 - Mar 2012*

Percentage – 83.07%

Additional Information

- *Operating System*: Windows, Linux, macOS

- *Soft Skills*: Teamwork, Problem-Solving, Dedication, Adaptability, Communication