ATHULYA.M

Python Full Stack Developer

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Portfolio: https://athulyamurali250-svg/portfolio

PROFESSIONAL SUMMARY

Python Full Stack Developer with hands-on experience in building web applications using Python, Django, HTML, CSS, JavaScript, and SQL. Skilled in developing REST APIs, implementing CRUD operations, and working with MySQL and MongoDB databases. Familiar with Git, GitHub, and modern development practices. Passionate about solving problems and delivering efficient, scalable solutions.

PROFESSIONAL EXPERIENCE

Python Full Stack Trainee – Quest
Innovative Solutions
2025
- Developed a website and calculator using HTML, CSS, Python, Bootstrap
- Applied AI and machine learning principles to enhance application features, performance

CERTIFICATES

RPA UiPath certification
Currently studying UiPath RPA to build expertise in automation workflows and digital process
Level 1

Kaggle Feature Engineering Certificate
- Feature creation: Transforming raw variables into meaningful features Using domain-driven techniques
- Clustering: Uncovering patterns and relationship using K-Means clustering
- Encoding Techniques: Implementing target encoding for categorical feature optimization

Kaggle Advanced SQL Certificate
- Analytical Power: Expertise in RANK, LEAD/LAG and Partition based calculations
- Efficiency: Optimizing queries for large datasets and improving execution time
- Data Logic: Building multistep logic using CTEs for scalable code

PROJECTS

Spices Auction Platform with AI   2025

- Developed a web-based auction platform using Python and Django.
- Implemented real-time bidding and automated auction workflows.
- Integrated AI-based spice grading and quality assessment.
- Designed buyer recommendation system to improve user experience.
- Technologies: Python, Django, Machine Learning, HTML, CSS, JavaScript, MySQL.

Student Administration   2024

- Integrated SMS Functionality
- Self-Service Access: Both Student and Teachers can register their details and
- log in securely Anytime using their unique credentials
- Admin control: The Admin retains vital control, with exclusive permissions
- Approve or Delete student accounts, ensuring data integrity
- View the Teacher Register for central staff oversight
- Technologies: Python, Django, React
- Platform: VS Code
- Database – SQLite

Prompt-Driven App Builder

- Designed and developed an AI-powered application builder
- Converts natural Language prompts into functional code and runnable
- applications, enabling rapid software prototyping with minimal manual coding
- Technologies: Python, LangChain, LangGraph, Streamlit, Groq API(LLaMA3)
- Pydantic, GitHub

TECHNICAL SKILLS

- Programming Languages: Python, SQL
- Core Concepts: OOP, Exception Handling Multithreading
- Web Technologies: HTML, CSS, JavaScript, Bootstrap
- Frameworks: Django, React, Angular
- Databases: MySQL, MongoDB
- Tools and IDEs: VS Code, PyCharm, MySQL Workbench, Git, GitHub
- Concepts: REST APIs, CRUD Operations, Web Scraping

EDUCATION

Bachelor of Computer Science - NSS College, Palakkad
2022 - 2025 | CGPA: 6.4

Higher Secondary Education - G.G.H.S.S, Palakkad
2020 - 2022 | Percentage: 88%

Secondary Education - G.G.H.S.S, Palakkad
 2019 - 2020 | Percentage: 95%

SOFT SKILLS

- Problem Solving
- Teamwork and Collaboration
- Effective Communication, Adaptability and Flexibility

LANGUAGES

- Malayalam – Read, Write, Speak
- English – Read, Write, Speak
- Hindi – Read, Write