ALFIYA NAZER

Software Developer | Python Fullstack Developer | Web Application Developer |(Fresher)

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PROFESSIONAL SUMMARY

Detail-oriented and proactive Computer Science graduate specializing in Data Science with hands-on experience in full-stack web development and teaching. Skilled in Python, Django, SQL, and modern web technologies, with the ability to develop scalable applications and deliver engaging educational content. Strong communicator with a passion for simplifying complex concepts and applied learning.

EDUCATION

B.Tech in Computer Science and Engineering (Data Science)
Mar Athanasius College of Engineering, Kothamangalam
Graduated: May 2024

Diploma in Computer Engineering
Government Polytechnic College, Kothamangalam
Completed: May 2021

WORK EXPERIENCE

Guest Lecturer

Government Polytechnic College, Kothamangalam, Ernakulam
September 2024 – January 2025,

- Delivered lectures on Computer Science topics, simplifying complex subjects to enhance student understanding.
- Guided students through practical labs, assignments, and projects to strengthen applied learning.
- Prepared structured lesson plans and teaching materials to ensure engaging and effective classes.
- Enhanced communication, presentation, and time management skills through classroom teaching.

Python Full Stack Developer Intern

INMAKES Infotech Pvt. Ltd.
May 2025 - September 2025

- Developed web applications using Python, Django, HTML, CSS, JavaScript, and SQL.
- Built and integrated frontend and backend modules featuring CRUD operations and authentication.
- Improved debugging, teamwork, and problem-solving skills through real-world project development.
- Gained practical experience in full stack development workflows.

PROJECTS

E_Hospitality Web Application

- Developed a Django-based hospital management system with patient, doctor, and appointment modules.
- Implemented CRUD operations and role-based access control for multiple user types.
- Managed SQLite database ensuring secure storage of sensitive information.

Online Learning & Course Management System

- Created a multi-user Django platform for course creation, enrollment, and progress tracking.
- Implemented role-based access for students, instructors, and administrators.
- Integrated assignment submission, quizzes, and progress reports with SQLite backend.

Blog Project

- Built a full-stack Django application for creating, managing, and moderating blog posts.
- Implemented secure user authentication and role-based access control.
- Integrated admin panel and SQLite database for efficient content and user management.

SKILLS

- **Programming Languages:** Python, C, Java (Intermediate)
- **Web Technologies:** HTML, CSS, JavaScript, Bootstrap, jQuery
- **Frameworks & Libraries:** Django, Flask, React.js (Basic)
- **Databases:** SQLite, MySQL, PostgreSQL, MongoDB (Basic)
- **Tools & Platforms:** VS Code, Git, GitHub, REST APIs, Excel

CERTIFICATIONS

- Data Analyst Internship - Elevate Labs
- Data Analytics with Python - NPTEL (IIT Roorkee)
- Python Programming Workshop
- Web Development Internship - Zindot Innovations