MUHAMMED FADIL
Python Full Stack Developer

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Profile Summary

Results-driven Python Full Stack Developer with over 2.5 years of experience in designing and maintaining scalable web applications using Django and Django REST Framework. Expertise in backend architecture, Role-Based Access Control (RBAC), and database optimization. Proven track record in developing complex platforms, including Athlete Management Systems (AMS) and Learning Management Systems (LMS). Currently pursuing an MBA in Analytics & Data Science, combining technical engineering skills with data-driven business insights.

Core Competencies

Languages: Python, JavaScript (ES6+), SQL.
Backend: Django, Django REST Framework (DRF), RESTful APIs.
Frontend: HTML5, CSS3, JavaScript, AJAX, Django Templates.
Databases: PostgreSQL, MySQL, SQLite, Schema Design, Query Optimization.
Data & Analytics: Pandas, NumPy, Power BI, Tableau, Matplotlib, Seaborn.
Big Data: Hadoop, HDFS, Hive, Sqoop.
Tools & DevOps: Git, GitHub, Postman, OpenCV, Mediapipe.

Professional Experience

Python Full Stack Developer | Meta Scifor Technologies Pvt. Ltd., India   Jan 2024 – Jan 2025
- Developed a high-performance Athlete Management System (AMS) for a professional cricket organization.
- Designed and enforced RBAC for multiple user tiers (Admins, Coaches, Players), ensuring data privacy.
- Optimized MySQL database schemas to handle large volumes of wellness metrics and injury records.
- Collaborated with cross-functional teams to integrate reporting modules, improving data flow efficiency by 30%

Python Full Stack Developer | Edgewave Academy LLP, India   May 2023 – Dec 2023
- Architected backend systems for a comprehensive Learning Management System (LMS) using Python/Django.
- Engineered secure user authentication and complex payment workflows, including partial payment logic.
- Integrated Vimeo API for secure, embedded live session recording with "resume playback" functionality.
- Developed interactive frontend features, including a student ticketing system and real-time messaging modules.

Big Data & Data Science Intern | Luminar Technolab, India   Aug 2022 – April 2023
- Processed large datasets using Hadoop and Hive to derive actionable business insights.
- Built and deployed machine learning models and created interactive dashboards in Tableau and Power BI.

Projects

- Hand Gesture Mouse & Canvas: Developed a real-time computer vision application using OpenCV and Mediapipe for gesture-based drawing and erasing.
- Face Recognition Attendance System: Automated attendance tracking using facial recognition, integrated with Twilio API for automated SMS notifications.
- E-Commerce & Gym Management Systems: Built full-stack Django applications featuring subscription tracking, analytics dashboards, and secure checkout flows.
- Used Car Price Prediction: Performed EDA and built regression models using Scikit-learn to predict market prices accurately.

Education & Certifications

MBA – Analytics & Data Science | Manipal University Jaipur | 2024 – 2026 (In Progress)
Bachelor of Engineering – Computer Science | Aarupadai Veedu Institute of Technology, India | 2018 – 2022
Meta Back-End Developer Specialization (Coursera)
Advanced Django: Mastering Django & Django REST Framework (Coursera)
NACTET Certification: Big Data, AI, ML, & Data Science (Luminar Technolab)

Personal Details

Nationality:Indian | Languages:English, Hindi, Malayalam | Visa Status:Valid Visiting Visa
Passport No:Z7968851 | Date of Birth:17/04/2000 | Marital Status:Unmarried | UAE Driving LC

Declaration

I here by declare that the above written particulars are true and correct to the best of my knowledge and belief