



MAAZ AHMAD

Full-Stack Engineer with 1 year of production experience building scalable web applications and APIs. Specializing in Python web development, with hands-on experience developing RESTful APIs, and subscription-based systems using Django REST Framework. Experienced in designing authentication systems, real-time features, secure payment integrations, and optimizing database performance.

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TECHNICAL SKILLS

- **Backend Frameworks:** Django, Django REST Framework, FastAPI, Laravel
- **Programming Languages:** Python, JavaScript (ES6+), PHP, SQL
- **Database Management:** PostgreSQL, MySQL, Query Optimization and Indexing
- **Backend Concepts:** REST APIs, Authentication, API Integration, Payment Integration, Real-Time Systems
- **Frontend:** React, jQuery, Ajax
- **Tools and Technologies:** Git, GitHub, Postman, NPM, Pusher WebSockets

WORK EXPERIENCE

Full-Stack Engineer (January 2025 – Present)

Forum Solutions, Gujranwala

- Designed and developed a real-time chat platform with a React-based frontend and a scalable backend, enabling user registration, messaging, and credit-based interactions
- Built key features including user authentication, credit management, and **real-time messaging using Pusher WebSockets**, delivering a fully functional MVP in just **6 weeks**.
- Optimized relational database queries, improving response time by **25%** through query restructuring.
- Integrated secure payment systems (PayPal), handling transactions, credit systems, and discount logic.
- Developed a **secure file upload system** enabling anonymous users to upload encrypted text and files, generating unique shareable links for content access.
- Collaborated with a team of 3 developers on GitHub, actively participating in weekly code reviews to ensure performance, code quality and maintainability.

PROJECT WORK

AcademyVault – Subscription-Based Educational Platform

Python, Django, Django REST Framework, React, PostgreSQL

GitHub: <https://github.com/maaz-links/AcademyVault>

- Designed and developed a production-ready full-stack SaaS platform for delivering subscription-based educational resources.
- Integrated Stripe for subscription payments, including plan management and webhook handling for subscription events
- Developed business logic for subscription lifecycle (activation, expiry, access validation).
- Built secure and RESTful APIs with Django and integrated React frontend for content management and user interactions.
- Implemented tier-based access control and secure file delivery based on active subscription plans.
- Ensured API reliability through input validation, error handling, and secure request processing

EDUCATION

Bachelor of Science in Information Technology (2020 – 2024)

University of the Punjab, Lahore

- **CGPA: 3.84/4.00**