

# Muhammad Auzair

BACKEND DEVELOPER

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## Objective

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A motivated Backend Developer with hands-on experience in building scalable systems using Python and Django, seeking to contribute to innovative projects in cloud automation and digital transformation. I am eager to apply my strong foundation in backend development and API design to learn and excel with Fast API and the Microsoft Azure ecosystem.

## Experience

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### Fiverr | Blockchain Developer

2024-Present

- Developing Smart contracts in Solidity
- Deploying and testing Smart contracts using various frameworks like hardhat, truffle.
- Integrating Frontend with smart contract using wagmi, viem etc.
- Adding wallet connection to the frontend.

### Baboons Netherland (Remote) | Internee Developer (Backend and blockchain)

2024-2025

- Deploy smart contract in solidity.
- Develop Web3 backend using Django Framework
- Integrating backend, blockchain with frontend
- Manual Testing of the final Product

### CUST | Django Backend Developer

2025

- Created API endpoints for student request handling and admin approval workflows.
- Integrated PDF generation to allow students to download approved letters.
- Worked with models, serializers, and views to handle user data securely and efficiently.
- Collaborated with frontend developers to ensure smooth integration of backend features.
- Followed clean code practices and contributed to a modular, maintainable codebase.
- Actively learning and applying new skills to support future module development.

## Education

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Capital University of Science and Technology (CUST), Islamabad Pakistan

Graduated (2025)

BS Software Engineering

## Skills & abilities

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**Programming & Frameworks:** Python, Django, Django REST Framework, Solidity, ReactJS

**API's:** RESTful API's, GraphQL (basic)

**Databases:** PostgreSQL, MySQL, MongoDB

**Tools and Versioning:** Git, GitHub, Docker

**Cloud:** AWS (basic), Microsoft Azure (basic)

**Other:** Object-Oriented Programming (OOP), CI/CD (GitHub Actions), Unit Testing.

## Projects

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### CUST App (Django)

- Developed the backend in Django for a Student Application Management System (Cust App) that automates the generation of official academic letters and certificates (e.g., English Proficiency, Enrolment Verification) previously handled manually.
- Enabled students to submit application requests from anywhere, reducing in-person office visits by 90% and cutting administrative processing time by 70%.
- Built secure **admin interface** allowing staff to create new application types using predefined template tags (placeholders) in letter content that are auto filled from the database with student data (e.g. name, program, department)
- Implemented workflow automation, on request submission the system generates fully formatted official letters upon approval of the relevant employee. The employee can approve, review, and reject the requests.
- Scaled to handle 1000+ student requests with role-based access control, secure authentication, and optimized API performance using Django Rest Framework.

### Investment Tracker (Django, React)

- My team and I developed a crypto investment tracking website that allows users to monitor their portfolio in real-time.
- I built the backend using Django, handling user authentication, adding new crypto tokens, and managing investments, payouts, and liquidations.
- The system automatically calculates profit and loss, giving users clear insights into their investments.
- Users can track whether their crypto holdings are in profit or loss, with detailed liquidation and payout management.
- The platform ensures secure and efficient investment tracking, providing a seamless experience for crypto investors.
- Deployed the project on AWS EC2 for testing.

### SystemShield (Hardware Monitoring System)

- Collaborated in a team to build a system with dual login (traditional & social) and 2FA.
- Implemented a role-based subscription model (Basic & Pro) with payment gateway integration (Stripe).
- Engineered real-time hardware data fetching every 5 seconds with 99% uptime for monitoring and anomaly alerts.