ABDUL SAMAD CHISHTI

+92 345 3100484 • abdulsamadchishti07@gmail.com • Bahawalpur, Punjab

https://linkedin.com/in/abdulsamadchishti07
https://github.com/abdulsamadchishti07
https://abdulsamadchishti.dev

Summary

Backend developer building reliable and robust backend services and high-performance Backend APIs for E-commerce and Logistics platforms. Proficient in Python and PostgreSQL with an emphasis on system stability and developer experience. Proven ability to build scalable data pipelines and enforce unit testing standards in startup environments while scaling internal tools and shared platform systems.

Work Experience:

Software Development Intern *July 2026 – August 2026*
MOIZTECHHUB

- Enforced system security by implementing JWT authentication and workspace-scoped Role-Based Access Control (RBAC), ensuring secure data isolation for multi-tenant users.
- Built and designed the TaskFlow API, an enterprise-grade multi-tenant REST API focused on cloud computing principles and high-availability.
- Translated complex software requirements into modular REST API designs, delivering scalable features within specified timelines using GitHub Copilot.
- Designed automated unit testing suites using Pytest to ensure system stability and high code coverage for backend services.

Backend Trainee *August 2025 – December 2025*
ENIGMATIX, BAHAWALPUR, PAKISTAN

- Designed and optimized relational database schemas in PostgreSQL and SQL Server to support large-scale enterprise data pipelines.
- Built high-performance REST APIs and backend services, managing complex HTTP request lifecycles for high-traffic production environments.
- Translated business needs into technical specifications for backend integrations with modern frontend frameworks like React and Angular.
- Enforced ETL pipelines and database modeling standards to maintain system reliability and improve reporting tool accuracy.

Business Development *March 2025 – July 2025*
WEBXMETA, BAHAWALPUR, PAKISTAN

- Translated client communication and lead generation strategies into enterprise-level software requirements for technical development teams.
- Designed functional requirements for cloud-based platforms and Logistics software, reducing friction in software delivery and feature scoping.
- Enforced agile ceremonies and sprint planning to improve developer experience and ensure technical goals aligned with business objectives.

- Built internal tools and documentation to optimize the delivery of human resources technology solutions to external stakeholders.

Education:

Bachelor of Science in Information Technology (BS IT) in Information Technology Present
THE ISLAMIA UNIVERSITY OF BAHAWALPUR (IUB), PAKISTAN

Additional Skills:

Backend & Languages: Python, PostgreSQL, SQL, Django, FastAPI

Platforms & DevOps: Docker, Linux, Redis, Postman, Git, GitHub Copilot

Engineering & Architecture: Backend APIs, Data pipelines, Unit testing, ETL pipelines, Event-driven architecture, Microservices, REST APIs, JWT Authentication, RBAC

Methodologies & Industries: Agile, Scrum, CI/CD, E-commerce, Logistics, Platform engineering, Human Resources Technology

Certifications:

- Google AI
- Google IT Automation with Python Specialization
- Google AI Essentials

Projects:

Event Booking & Ticketing API

- Built a ticketing REST API with JWT auth, role-based access, Stripe payments with signature-verified idempotent webhooks, and 10-minute seat holds released by a background sweeper.
- Prevented overselling with Postgres row locking: 100 concurrent buyers racing for 20 tickets produced exactly 20 bookings and 0 oversold, verified in the database.
- Load-tested a 3-container Nginx cluster with k6: cached event discovery scaled from ~500 to ~1,500 req/s (3×) with 0 errors, about 15K concurrent browsing users at one request per 10 s (local, CPU-pinned).
- Added Redis caching, rate limiting, login lockout and 212 automated tests; schema managed with Alembic.

Multi-Tenant Project Management API

- Built a multi-tenant REST API (workspaces → projects → tasks → comments) with a 4-level role hierarchy (owner, admin, member, viewer) enforced through reusable FastAPI dependencies, plus public/private project access.
- Implemented email OTP registration, Argon2 password hashing and instant global logout using a per-user `token_version`, with no token blacklist needed.
- Added soft-deletes and atomic audit logging that commits in the same transaction as the business change, so history can't be lost or half-written.
- Cached project listings in Redis with pattern-based invalidation and rate-limited login and OTP endpoints (fail-open if Redis is down).
- Managed schema with 9 Alembic migrations, containerised dev and production setups with Docker Compose and health/readiness probes, and set up GitHub Actions CI running 27 tests.