

ASNA ZULFIQAR

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PROFESSIONAL SUMMARY

Backend Developer with 2+ years of experience building scalable backend systems for SaaS products using Python, Django, FastAPI, and PostgreSQL. Experienced in microservices architecture, asynchronous processing with Celery and Redis, and third-party integrations including Stripe and AWS S3. Started as a Backend Intern on Bitemate, a recipe-sharing platform, then was promoted to full-time Backend Developer working on NexSaaS, a multi-tenant e-commerce SaaS platform spanning six microservices.

EDUCATION

Islamia University of Bahawalpur

September 2023 - January 2027

- Artificial Intelligence
- Bachelor of Science

EXPERIENCE

Backend Developer

Enigmatix

November 2024 - June 2026

- Promoted from Backend Intern to Backend Developer within 6 months and transitioned from Bitemate to NexSaaS.
- Develop backend services for NexSaaS, a multi-tenant e-commerce platform spanning 6 microservices that support storefronts, orders, inventory, catalog, payments, and delivery.
- Identified and eliminated 286 duplicate database queries in the product listing API, reducing redundant database calls and improving response time.
- Implemented asynchronous microservice communication with Celery and Redis, enabling reliable order-processing and fulfillment workflows across 6 services.
- Integrated Stripe for recurring subscription billing and AWS S3 for media storage, supporting payment and asset workflows across the platform.
- Designed PostgreSQL schemas and optimized queries for a multi-tenant data model, improving scalability and reducing query latency by an estimated 20%.
- Streamlined Docker-based development environments and strengthened CI/CD pipelines, helping reduce deployment setup time by an estimated 25%.
- Reviewed code, contributed to architecture discussions, and troubleshooted production issues to improve release stability and team delivery.

Backend Intern

Enigmatix

May 2024 - November 2024

- Developed backend features for Bitemate, a recipe-sharing platform with subscription-based content, using Django, FastAPI, and PostgreSQL.
- Reviewed the existing codebase and onboarded within the first 2 weeks to understand system architecture and business logic.
- Identified and resolved a slow POST API endpoint by optimizing database queries, improving response time by an estimated 30%.
- Implemented database models and business logic for core recipe and subscription features, accelerating feature delivery across key user flows.
- Debugged backend issues, tested feature behavior, and improved performance across multiple endpoints during the internship period.
- Earned promotion to full-time Backend Developer after 6 months based on performance and project impact.

PROJECTS

Steel Surface Defect Detection

June 2026

- Completed as a solo university project focused on computer vision model development and evaluation.
- Developed a YOLOv8-based computer vision model trained on the NEU-DET dataset to detect and classify 6 steel surface defect categories.

Hospital Management System

- Completed as a solo personal project focused on backend architecture, API design, and healthcare workflow management.
- Developed a Django and PostgreSQL backend to manage 6 core workflows, including registration, billing, prescriptions, bed allocation, ICU allocation, and medical history.

ASL (American Sign Language) Recognition

November 2025

- Completed as a solo university project centered on image-based gesture recognition and classification.
- Developed a computer vision system to recognize ASL hand gestures and classify them into corresponding alphabet letters.

SKILLS

Languages & Frameworks: Python, Django, Django REST Framework, FastAPI

Databases: PostgreSQL, SQLite

Microservices & Messaging: Celery, Redis, RabbitMQ, Microservices Architecture

Cloud & Tooling: AWS S3, Docker, CI/CD Pipelines, Git

Other: REST API Development, Stripe Integration, Unit Testing