

ASIYA SHAIK

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SKILLS SUMMARY

Languages: Python, C++
Frameworks & Libraries: FastAPI, Django, GraphQL (Strawberry), SQLAlchemy, Pydantic
Frontend: Html, CSS, Basics of JavaScript
Databases: PostgreSQL, MySQL
Tools & DevOps: Docker, Git, GitLab, Swagger UI, Postman, Pytest, CI/CD Pipelines, Jira.
Core Concepts: Object-Oriented Design, SOLID Principles, Microservices Architecture.

WORK EXPERIENCE

Junior Software Engineer

People Tech Group Inc, June 2025 – Nov 2025

- Designed and developed backend services for the Test Bench Management System using FastAPI, PostgreSQL, and SQLAlchemy improving data handling efficiency by 30%.
- Integrated GraphQL, WebSocket, and Key cloak-based Authentication for secure, real-time API communication.
- Automated 25+ Pytest test suites enhance API reliability and streamline CI/CD workflows.
- Contributed to microservice migration and optimized PostgreSQL JSONB schema storage for scalability and flexibility.

Tech Stack: Python, FastAPI, GraphQL, PostgreSQL, SQLAlchemy, Pydantic, Docker, WebSocket, CI/CD, Swagger, Pytest, Git, GitLab, pgAdmin

INTERNSHIP

Junior Software Engineer Intern

People Tech Group Inc | Dec 2024 – May 2025

- Applied Object-Oriented Programming (OOP) in Python and C++ to develop modular backend components.
- Worked with PostgreSQL databases to store and retrieve structured data efficiently, gaining hands-on experience in query writing.
- Developed 20+ XML screens for FCC and RCC automotive modules using GMXML, based on localization team specifications and feature requirements.

PROJECTS

E-Commerce Website - [Link](#)

Technologies: Django, Python, HTML, CSS, JavaScript, Bootstrap, MySQL

- Built a full-stack E-Commerce platform with PayPal integration for secure transactions.
- Implemented guest checkout, product management, and cart tracking, improving user retention by 25%.
- Ensured cross-device responsiveness using Bootstrap.

Employee Management Website

Technologies: Django, Python, MySQL, HTML, CSS

- Created a role-based system with CRUD operations for employee management.
- Optimized MySQL database queries, improving performance by 40%.
- Utilized Django's admin panel for easy management and data visualization.

EDUCATION

Bachelor of Science – Computer Science and Data Science

KVRGDC, Cluster University, Kurnool | CGPA: 9.7 | 2021 – 2024

Intermediate – MPC

KVR Junior College | CGPA: 9.7 | 2019 – 2021

10th SSC

Trinity High School | CGPA: 10.0 | 2018 – 2019

CERTIFICATIONS

- Python Full Stack Development** – Palle Technologies, Bangalore (6 months, Oct 2024) | [Certificate](#)
- Advanced C++ Programming** – Udemy | [Certificate](#)
- Python for Data Science** – NPTEL Swayam | [Certificate](#)
- Software Programmer – Java** – NASSCOM Foundation | [Certificate](#)