



Aqeel Abbas Khan

Software Engineer

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I am a **Software Engineer** dedicated to building innovative **AI-powered web applications** and scalable systems. I possess a solid foundation in **full-stack development** and a strong passion for **AI** and **Machine Learning** technologies, complemented by hands-on project experience that demonstrates my ability to transform ideas into real-world applications.

EDUCATION

Bachelor of Science in Computer Science

Namal University Mianwali

11/2022 - 06/2026

Courses

Object Oriented Programming, Data Structures & Algorithms, Software Engineering, Parallel and Distributed Computing, Web Development, Artificial Intelligence, Machine Learning, Operating System, Natural Language Processing, Cloud Computing

PERSONAL PROJECTS

AdGenie

AI-Powered Creative Ad Generation Platform

- Built an end-to-end AI-powered automated advertisement generation platform using prompt-based workflows
- Integrated **React.js**, **Node.js**, **MongoDB**, **FastAPI**, and **PyTorch** for real-time content generation
- Designed a structured AI pipeline for generating marketing creatives using generative models and make them editable with **langsegment**

NearBuy

Local E-commerce & Location-Based Platform

- Developed a MERN-based platform connecting buyers and vendors through a location-aware search system
- Implemented smart recommendations for nearby shops and services based on user location

TixTrader

Resell Ticket Marketplace

- Developed a multi-role marketplace supporting admin, seller, and buyer workflows
- Designed a scalable backend architecture for event management and ticket transactions

Obesity Level Prediction System

Machine Learning Project

- Built a machine learning model to predict obesity levels using lifestyle and health data
- Applied data preprocessing, feature engineering, and model evaluation techniques

Kohinoor Fertilizers

E-commerce Platform

- Built a client-based e-commerce system with scalable backend and user-friendly UI
- Implemented product management and customer interaction features for a seamless online experience

LANGUAGE

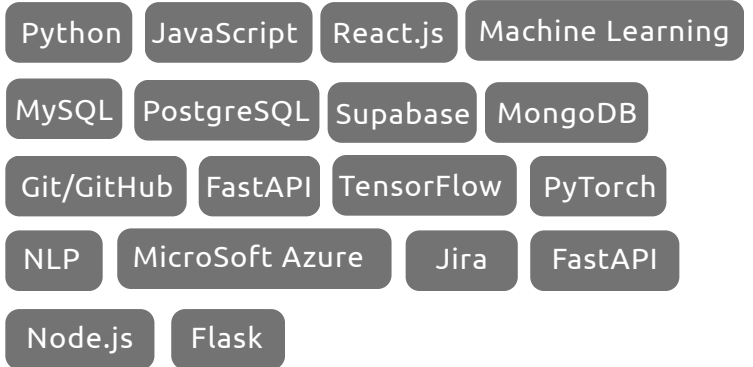
English

Professional Working Proficiency

Urdu

Native Proficiency

SKILLS



EXPERIENCE

Software Developer — GenTech

December 2025 - Present

A company specializing in web and AI based production systems.

- Developed and contributed to real-world web and AI-based production systems
- Worked on projects including **SoulPlus AI**, **Call Center System**, and **BiedBuddy**
- Collaborated with a team to build scalable applications in a fastpaced environment

Certificates

Namal Ideathon & Innovation Expo – NAMAL IDEA CLUB

Exhibited my FYP **AdGenie**, an AI-powered advertisement generation platform, showcasing its automated design and content creation capabilities. Explained the technical framework and how it streamlines digital marketing workflows while generating high-conversion visual assets.

Data Science with Python – Let'sUpgrade

Utilized **Python** libraries such as **Pandas**, **NumPy**, **Matplotlib**, and **Seaborn** to perform data cleaning, exploratory data analysis (**EDA**), and predictive modeling. Developed a foundational understanding of machine learning workflows and statistical analysis to derive actionable insights from complex datasets.

NoSQL DB Management MongoDB – Let'sUpgrade

Designing and implementing scalable NoSQL databases using **MongoDB**. Focused on document-oriented data modeling, CRUD operations, aggregation frameworks, and indexing strategies to optimize query performance and ensure high data availability for modern web applications.

INTERESTS

Web Application Development
AI-Powered Systems & Generative AI
Machine Learning & Deep Learning
Technology Exploration