

MOHAMMAD ATTIQUE

Software Development Engineer, Software Quality Assurance Engineer

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Portfolio: <https://attique-portfolio.vercel.app/> in: attique20 🌐 Mattique20

EXPERIENCE

Software Quality Assurance Engineer

Qlu.ai

📅 Sep 2025 – Ongoing

📍 Islamabad, Pakistan

- Automated manual test cases using Python, reducing regression testing time by 50%.
- Evaluated LLM performance and improved model response accuracy.
- Maintained tests to improve coverage and accelerate release timelines.

Software Quality Assurance Engineer

Alachisoft

📅 May 2025 – Sep 2025

📍 Islamabad, Pakistan

- Performed daily sanity, performance, and load tests on NCache to identify bottlenecks and ensure system stability.
- Identified, tracked, and verified fixes for bugs within NCache, collaborating with developers to expedite resolution.

Research Assistant

FAST (NUCES)

📅 Jun 2024 – Apr 2025

📍 Islamabad, Pakistan

- Reviewed 5+ academic papers to stay up-to-date on texture enhancement and image processing advancements.
- Evaluated and applied encoding strategies to enhance texture quality.
- Collaborated with team members to discuss progress and integrate feedback.

Software Engineering Intern

Bitnine Global

📅 Mar 2024 – May 2024

📍 Islamabad, Pakistan

- Contributed to the enhancement of Apache AGE (Git/GitHub).
- Implemented 2 new features and 3 GraphQL functionalities on PostgreSQL.
- Resolved critical bugs and improved documentation.

NLP Intern

IKNEX Lab

📅 June 2023 – Aug 2023

📍 Islamabad, Pakistan

- Conducted Natural Language Processing (NLP) and data mining on an Arabic encyclopedia.
- Achieved an impressive 95% accuracy rate in data extraction and categorization.

PROJECTS

Art2Sprite - FAST (NUCES)

- Built an AI-powered platform that converts sketches into digital sprites using FastAPI, Python, and PyTorch.
- Developed with Next.js, React, and Tailwind CSS; features background removal, resolution enhancement, and sprite sheet generation.
- Leveraged Hugging Face, PostgreSQL, and GitHub to streamline game asset creation.

Apache AGE Enhancement Project - Bitnine Global

- Increased Apache AGE functionality by 20% by adding 2 new features, ensuring stability through bug resolutions, and providing valuable feedback for performance improvements.

Custom Blockchain Network - FAST (NUCES)

- Designed a custom blockchain using Go that leverages BTC protocols.
- Replaced standard token transactions with outputs from a deterministic ML model.

NLP and Data Mining Integration - IKNEX Lab

- Extracted and categorized data using NLP from an Arabic encyclopedia.
- Achieved an accuracy rate of 95% through collective dedication and teamwork.

OBJECTIVE

Seeking a role where I can leverage SQA and software engineering skills to improve product quality, accelerate releases, and build reliable automation.

EDUCATION

Bachelors in Computer Science

National University of Computer and Emerging Sciences (FAST)

📍 Islamabad, Pakistan

📅 Sep 2021 – May 2025

SKILLS

Programming Languages	C#, Python, C/C++, Java, Go
Frameworks & Libraries	.NET, ASP.NET, React, Next.js, Node.js, FastAPI, PyTorch, TensorFlow
Databases & Caching	MySQL, MongoDB, PostgreSQL, NCache
DevOps & Tools	Docker, Git/GitHub, Azure DevOps, AWS, Kubernetes
Leadership & Management	Team Management, Time Management, Leadership Skills

CERTIFICATIONS

- AWS Academy Graduate - Cloud Foundations - Training Badge
- Graph Data Modeling Fundamentals
- Cypher Fundamentals
- Neo4j Fundamentals
- Python Certificate
- SQL Certificate

LEADERSHIP & ACTIVITIES

- Active sports player
- Vice Head for Corporate Outreach and PR (External) at GDSC-FAST Islamabad (1 Year)
- Campus Ambassador at PriceOye.pk (8 months)
- Managed the I.Survived Corona (7 months)

REFERENCES

Available upon request