

ABDUL HAQ ZULFIQAR

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EDUCATION

National University of Computer and Emerging Sciences (FAST-NUCES) — Islamabad, Pakistan
BS Software Engineering | Expected: 2026

PROFESSIONAL EXPERIENCE

DevOps (Academic Projects)

FAST-NUCES | April 2025

- Built CI/CD pipelines using **GitHub Actions**, **Jenkins**, and **Docker**.
- Deployed microservices via **Kubernetes (Minikube)**; automated build/test workflows.
- Used **YAML**, **Dockerfiles**, **Git**, and CLI tools in project lifecycle.

QA Engineer (Academic/Testing Projects)

FAST-NUCES | Dec 2024

- Wrote and executed test cases using **JIRA** and **Zephyr Scale**.
- Performed **functional**, **regression**, and **UI testing** during Agile sprints.

Freelance Product Designer (Remote)

Self-employed | Jan 2024

- Designed mobile-first apps in **Figma**, emphasizing clean UX/UI and accessibility.
- Delivered interactive wireframes, usability-tested prototypes, and design systems.

Instructor – Scratch Programming

Online (Canada & Uganda) | Oct 2023 – Jun 2024

- Taught coding fundamentals via **Scratch**, mentoring students through game-based logic projects.
- Conducted personalized 1-on-1 sessions to build problem-solving and creative thinking.

Event Volunteer – FAST-NUCES

Islamabad Campus | 2024 – 2025

- Operations Officer**, NASCON 2024: Managed real-time logistics for 500+ participants.
 - Usher**, Job Fair 2025: Supported 60+ companies with booth coordination and student engagement.
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ACADEMIC PROJECTS

Farming App with Weather and Crop Data — SDA Project

Role: Lead Developer | Jan 2024 – Mar 2024

- Built a Java-based farming app (MVC), integrating weather APIs for crop water/fertilizer suggestions.
- Documented project using UML diagrams and SDLC methodology.

Ludo Game with OS Concepts — *Operating Systems (OS Project)*

Role: Developer | Dec 2024

- Developed a C++ Ludo game using OS concepts: multithreading, deadlock avoidance, and IPC.

Weather App with AI Integration — *Web Development Project*

Role: Developer | Oct 2024

- Created a JavaScript-based weather app with AI-based suggestions and real-time API data.

Shortest Path Algorithm for Delivery System — *Data Structures & Algorithms (DSA Project)*

Role: Lead Developer | Dec 2023 – Jan 2024

- Implemented Dijkstra's and A* algorithms to find optimal delivery paths and reduce travel time.

SKILLS & TECHNICAL KNOWLEDGE

- **Languages:** Java, JavaScript, Python, C++, SQL
- **Web Technologies:** HTML5, CSS3, Bootstrap, React (Basics)
- **DevOps Tools:** Git, GitHub, Jenkins, Docker, Kubernetes (Minikube)
- **QA Tools:** JIRA, Zephyr Scale, Manual Testing
- **Databases:** MySQL, MongoDB
- **Other Tools:** VS Code, Figma, Trello, Ubuntu CLI
- **Concepts:** OOP, MVC, SDLC, REST APIs, Agile, CI/CD

CERTIFICATION

- NAVTTC – MERN Stack Development Course (*July 2024 – October 2024*)
- Pearson JavaScript Certification (*Completed in 2024*)

Professional Summary

Motivated and detail-oriented **Software Engineering undergraduate** with proven academic experience in **DevOps pipelines**, **QA automation**, and **API-based web development**. Passionate about building clean, scalable systems and improving software reliability through continuous integration and testing.

ADDITIONAL INFORMATION

- **Languages:** Urdu (Native), English (Fluent), German (Intermediate)