

Azka Hafeez

Computer Science

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Computer Science undergraduate with hands-on experience in full-stack development and AI-based research projects. Interested in working at the intersection of AI/ML, software development and product-driven technology.

EDUCATION

Bachelor of Science in Computer Science <i>National University of Science and Technology (NUST), H-12 Islamabad, Pakistan</i> Grade: 3.37	Sept 2024 - Present
Intermediate <i>Hamza Army Public School & College System, Rawalpindi, Pakistan</i> Grade: A*	2021 - 2023
Matriculation <i>Islamabad Model College for Girls F-8/1, Islamabad, Pakistan</i> Grade: A*	2019 - 2021

TECHNICAL SKILLS

Java, Python, React, FastAPI, Flutter, Git/GitHub, TensorFlow, Scikit-learn, XGBoost, PostgreSQL, MongoDB, Express

EXPERIENCE

National Center of Artificial Intelligence (NCAI), NUST AI Research & Development Intern Software Engineer - Contributing to the research and development of AI-powered applications, with a focus on computer vision and machine learning. - Collaborating with multidisciplinary teams on AI applications, data processing, and model experimentation. - Developing full-stack features including the Member Dashboard, Admin Dashboard, authentication, registration workflows, and course management modules. - Collaborating on platform architecture, backend APIs, database design, and integration of AI services to deliver scalable educational solutions..	June 2026 - Present
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PROJECTS

PhotoShot AI - AI-Powered Photography Assistant AI/ML Developer Tech Stack: Python, OpenCV, FastAPI, React, PostgreSQL, Computer Vision - Developing computer vision pipelines to analyze image composition, lighting, sky conditions, sharpness, color distribution, and exposure. - Building AI scoring models that generate detailed quality assessments and personalized improvement recommendations for uploaded photos.	June 2026 - Present
Artisan Bakeries - Bakery Management & Custom Ordering System Front-end Developer Tech Stack: React, JavaScript, Node.js, Express.js, MongoDB - Building a Foodpanda-style bakery platform with customer, bakery-owner, and admin roles for bakery discovery, custom cake ordering, and order management. - Developed inventory-aware customization workflows, enabling bakeries to manage ingredients, stock levels, pricing, product availability, past orders, reviews, and dashboard analytics.	Feb 2026 - Apr 2026
Captain MDCAT – Medical Entry Test Preparation Platform Full Stack Developer Tech Stack: React, JavaScript, FastAPI, PostgreSQL, Uvicorn, Gunicorn - Developing a comprehensive online preparation platform for MDCAT aspirants with secure authentication, course enrollment, progress tracking, mock tests, and payment integration. - Built role-based dashboards for students and administrators, enabling course management, payment verification, content publishing, analytics, and centralized platform administration.	Dec 2025 - May 2026