

MUHAMMAD AFFAN KHAN

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Education:

University of Karachi (UBIT)	2019 - 2023
<ul style="list-style-type: none">Bachelor In Computer Science (BSCS)	
D.J Sindh Government and Science College	2016 - 2018
<ul style="list-style-type: none">Intermediate (Pre-Engineering) BIEK	

Skills:

Java | Selenium WebDriver | JavaFX | Jira | Testcases | Microsoft SQL | Maven | SDLC | Agile/Scrum | Git

Work Experience:

NED University of Engineering and Technology Java Instructor	Nov'24 - Present
<ul style="list-style-type: none">Teaching Core Java in the PITP (People Information Technology Program) certification course, focusing on practical skills and key programming concepts. Guiding students through hands-on exercises and preparing them for certification exams.	
Xpert360Solutions SQA Internship	Sept'24 - Nov'24
<ul style="list-style-type: none">Completed a Software Quality Assurance internship, performing functional testing React based website on features like user registration, login, product search, and checkout to ensure reliability and seamless user experience. Developed test plans, test cases, create bug report using JIRA, conducted regression testing, and collaborated with teams to maintain quality standards.	
TFG Global Business Development Executive	Feb'24 - Jun'24
<ul style="list-style-type: none">Crafting client proposals, negotiating budgets while maintaining records, and collaborating with the team. Specializing in bidding on graphic design, web development, content writing, and CRM projects on Upwork.	

Projects:

1- Exploratory and Functionality testing of E-commerce Websites	Nov'24
<ul style="list-style-type: none">Led testing for OpenCart and Mercury Tour platforms, designing test cases to identify bugs. Conducted ad-hoc and exploratory testing to improve site reliability. Utilized Jira for bug tracking and sprint management, creating epics, stories, and tasks for efficient project execution.	
2- 2D Snake game	July'24
<ul style="list-style-type: none">Developed a 2D Snake Game using Java Swing, implementing real-time game logic, and collision detection, and Demonstrated expertise in object-oriented programming (OOP), event-driven programming, and GUI design.	
3- Chest X-ray Pneumonia detection Web application	Nov'23
<ul style="list-style-type: none">Developed a pneumonia detection web application using chest X-ray images. Built responsive UI with HTML, CSS, and Flask, and implemented VGG16 model with Python, TensorFlow, and Keras, achieving 90% accuracy on 3,000+ Kaggle images. Utilized Google Colab for model training and deployment.	