

Muhammad Wahaj Khan

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Address: Elßholzstr. 5, 10781, Berlin, Germany

EDUCATION

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| 42 Berlin <i>Software Engineering Certification</i> | Berlin, Germany November 2024 – Present |
| Arden University <i>MSc. Cyber Security</i> | Berlin, Germany September 2024 – Present |
| National University of Computer and Emerging Sciences <i>Bachelor of Science in Computer Science</i> | Karachi, Pakistan August 2019 - June 2023 |

EXPERIENCE

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| Grocery Associate <i>Wolt</i> | Nov 2024 – Present Berlin, Germany |
| <ul style="list-style-type: none">Processed customer orders efficiently using the Wolt Merchant app, ensuring timely fulfillmentPicked and packed groceries accurately, maintaining high customer satisfactionEnsured store organization by maintaining cleanliness and orderliness in all areasIn-bounded stock accurately while maintaining the cold chain to ensure product quality | |
| Student Lab Assistant <i>FAST NUCES</i> | August 2022 – January 2023 Karachi, Pakistan |
| <ul style="list-style-type: none">Assisted 50+ students in understanding fundamental programming concepts in C, leading to improved course performance | |
| Teaching Assistant <i>FAST NUCES</i> | August 2021 – August 2022 Karachi, Pakistan |
| <ul style="list-style-type: none">Graded quizzes, assignments and evaluated students on projects for Computer Organization and Assembly Language course | |

PROJECTS

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| Weather Forecast Web App <i>Python, Django, JavaScript, Docker</i> | 2024 |
| <ul style="list-style-type: none">Developed a dynamic weather forecasting web application using Django, leveraging Open-Meteo's API for real-time weather dataImplemented features including current weather conditions, air quality index, and a 5-day forecastContainerized the web app using Docker and deployed the website on localhost using gunicorn and nginx | |
| IoT Honeypot for Application Layer <i>Python, Flask, HTML, CSS, MySQL, Linux</i> | 2023 |
| <ul style="list-style-type: none">Developed a CoAP server in Python using aiocoap library and created an API to get data from IoT (Internet of Things) device databaseCoded a simple web application using HTML, CSS, and JavaScript using Django framework having a login and home page to act as the testbed environmentImplemented SQL Injection, Distributed Denial of Service, Brute Force, and Cross-site Scripting attacks and deployed mitigation strategies against these attacks while also implementing detailed logging mechanisms to track all attacks and their sources.Successfully deployed the web app on Digital Ocean, integrating it with a Namecheap domain | |
| Flutter Application Back-end <i>Python, Django, Insomnia, Flutter, Dart</i> | 2022 |
| <ul style="list-style-type: none">Created 10+ RESTful APIs in Django-Python to perform CRUD operations on SQLite databaseImplemented API calls in Flutter-Dart application and successfully retrieved and parsed data from endpoints | |

TECHNICAL SKILLS

Proficient Programming Languages: C/C++, Python, MySQL, JavaScript, HTML/CSS, Shell Scripting, C#
Familiarity: PHP, Java, Dart, Rust, YAML, Azure
Frameworks, Tools & Processes: Django, Flask, Flutter, Blender, Adobe Photoshop, GitHub, SSH, Cisco Packet Tracer, Postman, Insomnia, VScode, Firewall, Docker, Nginx, CI/CD pipelines, DevOps, MVC .NET, Agile Methodology, Microsoft Office, Network Security
Operating Systems: Linux, Windows