



# Shaheer Hussain Qazi



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Behria Enclave, Islamabad, Pakistan

## Languages

- Urdu
- English
- Sindhi

## Personal Skills

- Profession Work Ethics
- Very Organised
- Innovative Thinker
- Attention to Detail
- Digital Competency
- Coordination
- Collaboration
- Eager to Learn

## Ongoing Learning

- Web Development
- Data & Network Security
- Mobile App Development
- Business Management

## Certifications

- On-the-Job Training in Digital Marketing - GAO Tek Inc.
- On-the-Job Training in Technical Support - GAO Tek Inc.

## Overview

As a dedicated individual with strong work ethics and a passion for innovation, I am highly organised and an informed decision maker. Studying alongside international students for 10 years has helped me develop a strong understanding and appreciation for diverse perspectives and cultures. With my exceptional project coordination and collaboration skills, I'm able to successfully manage both individual and team projects to the highest standard, while bringing a unique and fresh perspective to every project I undertake. Furthermore, my eagerness to learn empowers me to stay at the forefront of my field and continuously improve.

## Objectives

- Seeking an opportunity in a professional environment where I can apply and improve my skills.
- Working alongside teams on innovative software and application projects
- Passion for developing Mobile Applications.

## Experience

### GAO Tek Inc. (Internship)

15<sup>th</sup> Jun 2022 - 15<sup>th</sup> Sep 2022

**Description:** Worked alongside an international management team on business development processes such as digital marketing, BPO, online lead generation, B2B communication, and CRM. Communicated with higher management of various organizations worldwide, promoting GAO Tek's services, attending meetings and workshops. My successful completion of the internship's targets ahead of schedule led to the management entrusting me with the responsibility of mentoring and training other interns. As a testament to my exceptional performance, I was offered a job, which I regrettably had to decline due to a conflict with my university schedule. Overall, this internship provided me with hands-on experience in a business environment and workflow, further allowing me to develop professional work ethics and a global mindset.

## Education

### Bachelor of Science in Computer Science

GIK Institute of Engineering Sciences and Technology

Topi, Pakistan  
Aug 2019 - Present

### High School Diploma

Jubail International School - Al Hussan  
Mariya International School

Jubail, Saudi Arabia  
Oct 2016 - Apr 2019  
Oct 2009 - Sep 2016

### Cambridge International Examination - British Board

International General Certificate of Secondary Education (IGCSE)

Jubail, Saudi Arabia  
May - Jun 2017

## Skills and Knowledge

- Object Oriented Programming
- Data Structures and Algorithms
- DevOps Practices
- Fundamentals of Computer Science
- Computer Organisation and Architecture
- Software Development Methodologies
- Business Development
- WordPress and Wix Website Building
- Microsoft Office Tools
- Report Writing
- Entrepreneurship
- Cyber Security

## Senior Year Project

### UAV (Drone) Detection and Localisation System

**Description:** Our project was aimed at developing a Counter-Unmanned Aerial Vehicle (C-UAV) system that can localise a drone using acoustic arrays, machine learning & data processing techniques. My responsibility was server-side implementation that involved notifying a user of a potential drone nearby after detection, while securely storing location data in AWS Instances. DevOps concepts were used to maintain them, and a web portal was created for data to be viewed & analysed by authorised users.

Applied skills:

- DevOps practices
- Cyber Security
- Web Development
- Version Control System (Git)

## Details of Skills and knowledge

### Object Oriented Programming

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- |           |                 |                |               |
|-----------|-----------------|----------------|---------------|
| - Classes | - Encapsulation | - Polymorphism | - Overloading |
| - Objects | - Inheritance   | - Abstraction  | - Templates   |

### Data Structures and Algorithms

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- |                    |                     |                      |                        |
|--------------------|---------------------|----------------------|------------------------|
| - Arrays           | - Strings           | - Stacks             | - Queues               |
| - Linked Lists     | - Hash Tables       | - Trees              | - Tries                |
| - Graphs           | - Heaps             | - Sorting Algorithms | - Searching Algorithms |
| - Graph Algorithms | - Greedy Algorithms | - Divide & Conquer   | - Dynamic Programming  |

### DevOps

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|---|--------------------------------------|
| - Continuous Integration & Continuous Delivery (CI/CD): Jenkins | - Containerisation: Docker           |
| - Infrastructure As Code (IAC): Ansible & Terraform             | - Cloud computing: AWS EC2 Instances |
| - Collaboration & communication: MS Teams & Atlassian Jira      | - Version Control System: Git        |

### Fundamentals of Computer Science

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- Basic Knowledge of:
- |                         |                     |                        |
|-------------------------|---------------------|------------------------|
| - Programming Languages | - Operating Systems | - Databases            |
| - Algorithms            | - Computer Networks | - Software Engineering |

### Computer Organisation and Architecture

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- Basic Knowledge of:
- |                              |                            |                                   |
|------------------------------|----------------------------|-----------------------------------|
| - Computer Components        | - Input/Output Systems     | - Computer Performance Evaluation |
| - Memory Hierarchy Structure | - Pipelining & Parallelism | - Computer Architecture Design    |

### Software Development Methodologies

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- Basic Knowledge of:
- |                         |                                   |                         |
|-------------------------|-----------------------------------|-------------------------|
| - Waterfall Methodology | - Scrum Methodology               | - Project Management    |
| - Agile Methodology     | - Software Development Life Cycle | - Testing Methodologies |

### Cyber Security

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- Basic Knowledge of:
- |   |   |                        |                           |
|---|---|------------------------|---------------------------|
| - CIA: Confidentiality, Integrity & Availability. | - Secure Coding Practices                         | - Input Validation     | - Encryption & Decryption |
| - Threat & Vulnerability                          | - Secure Configuration                            | - Authentication       | - Digital Signatures      |
| - VPNs  | - Session Management                              | - Malware Attacks      | - Hash Functions          |
| - Firewalls                                       | - Intrusion Detection & Prevention Systems (IDPS) | - User Access Controls | - Incident response       |
|   |   | - Backup & Recovery    | - Social engineering      |

### Entrepreneurship and Business Development

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- Basic Knowledge of:
- |  |  |
|--|--|
| - Business Planning  | - Innovation & Creativity  |
| - Market Research and Analysis   | - B2B Communication  |
| - Leadership & Management  | - Adaptability & Resilience  |
| - Intellectual Property Law: Patents, Trademarks, Copyrights, and Trade Secrets. | - Professional Ethics: Confidentiality, Conflict of Interest, and Professional Responsibility. |
| - Networking & Communication   | - Online Lead Generation   |