

# MUHAMMAD TARIQ


## SKILLS


Virtualization · VMware · Linux ·  
Linux Server Administration ·  
Network Security · Firewall · JIRA ·  
Cryptography · System Administration ·  
HTML · CSS · GIT · Java Script ·  
Firebase · Microsoft 365 ·  
Database Management ·  
Cloud Technologies ·  
Software Development ·  
Software Architecture Design ·  
Network configuration ·  
Helpdesk administration ·  
CRM Systems · Patch Management ·  
Data Backup/Recovery ·  
Python Scripting · User Management ·  
DevOps

## LANGUAGES

|         |            |       |
|---------|------------|-------|
| English | Proficient | ●●●●● |
| Urdu    | Native     | ●●●●● |
| Pashto  | Native     | ●●●●● |

## STRENGTHS

 **Technical Skills**  
Proficient in virtualization, scripting, Linux server administration, network security, and database management.

 **Project Management**  
Experienced in leading design, development, and testing of projects while collaborating with stakeholders effectively.

 **Software Development**  
Skilled in software architecture design, API development, and mobile application development using various technologies.

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## EDUCATION

Bachelor of Science (B.Sc.) in Computer Science 09/2019 - 12/2023  
University of Engineering and Technology Peshawar

## RELEVANT COURSEWORK:

- Data Structures and Algorithms
- Database Management Systems
- Operating Systems
- Networks and Security
- Object-Oriented Programming
- Software Engineering
- Cloud Computing
- Data Science
- Technical Communication
- Computer Networking
- Information Security and Cryptography
- Wireless Networks
- Distributed Computing

## PROJECTS

Mobile Application Development for Streamlining Plot File Transactions in Housing Societies(FYP) -

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*Used Flutter to build a user-friendly app that simplifies and improves plot file transactions in housing societies..*

Key Contributions:

- Led design, development, and testing of the app.
- Collaborated with stakeholders to gather requirements and align with project goals
- Implemented security measures for transaction data protection and user privacy.
- Conducted user testing and integrated feedback for improved usability and functionality.

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Hand Gesture Controlled Laptop Using Arduino project: -

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Developed an Arduino Uno-based system using Ultrasonic sensors for hand gesture control of media playback, volume, page scrolling, button clicks, stop, go back, and refresh on a laptop. This project showcased my expertise in embedded systems, sensor integration, and programming, emphasizing my commitment to enhancing user interaction with computers through innovative and intuitive interfaces.

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AWS Project -

AWS Serverless Web Application

- Built a serverless web application that enables users to request unicorn rides from the Wild Rydes fleet using AWS Lambda, Amazon API Gateway, AWS Amplify, Amazon DynamoDB, and Amazon Cognito.

AWS Static Web Site

- Hosted a secure and static website with CloudFront and Route53

- **AWS CloudFormation**
- Automated EC2 Provisioning and Load Testing with CloudWatch Alerting using AWS CloudFormation