# MUHAMMAD JAWAD ASGHAR
## COMPUTER ENGINEER

Taxila, Pakistan

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## CAREER OBJECTIVE

Recent graduate with a strong foundation in networking concepts and protocols. Skilled in configuring, managing, and optimizing network infrastructures, with hands-on experience from academic projects. Proficient in troubleshooting, problem-solving, and eager to learn new technologies to enhance network efficiency and security.

## EDUCATION

2020 − 2024

**UNIVERSITY OF ENGINEERING & TECHNOLOGY, TAXILA**
**BS. Computer Engineering**

CGPA 3.26/4

## PROJECTS

**MACHINE LEARNING BASED FRUITS AND CROPS DISEASE DETECTION: WEBSITE AND APP ENSEMBLE (AGRICULTURE TECHNOLOGY INNOVATION) FYDP**

This project basically utilized the EfficientNet-B0 model to accurately identify diseases from images of fruits and crops. A user-friendly web application was developed to enable easy uploading of images, real-time analysis, and disease detection results.

**GRID COMPUTING AND CLUSTERING**

Developed a grid computing system to efficiently distribute and process computational tasks across multiple networked computers. Implemented a Python-based methodology to automate task distribution, resource allocation, and result aggregation, improving efficiency in distributed computing environments.

**NETWORK MONITORING USING NAGIOS**

Designed and deployed a network monitoring system using Nagios to track system availability and performance. Configured real-time alerts, analyzed network traffic, and implemented proactive monitoring solutions to ensure minimal downtime and optimized network operations.

## PROFESSIONAL SKILLS

- Putty/ Filezilla
- VS CODE
- Cisco Packet Tracer
- Opti System

## LANGUAGES

- English (Conversational)
- Urdu

## CERTIFICATION

Networking Essentials (Cisco)