



Jawad Ahmad

CONTACT

✉ jawadahmadmumtaz@gmail.com

☎ (+92) 3046261094



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ABOUT ME

Dedicated final-year Computer Science student with a CGPA of 3.4/4.0 and strong interest in **Artificial Intelligence and Cybersecurity**. Cisco Certified Support Technician (CCST) in Cybersecurity with hands-on experience in backend development, **PHP-based systems**, and secure application design. Passionate about building scalable web applications and exploring AI-driven and post-quantum security solutions.

EDUCATION AND TRAINING

- **11/2022 – CURRENT** Gujranwala, Pakistan
Bachelor of Science in Computer Science University Of Central Punjab
- **11/2019 – 10/2021** Gujranwala, Pakistan
Intermediate in Computer Science Punjab Group of Colleges
- **09/2017 – 10/2019** Gujranwala, Pakistan
Matriculation New Crescent Public High School, More Eminabad Gujranwala

LANGUAGE SKILLS

MOTHER TONGUE(S): Urdu

OTHER LANGUAGE(S): English

SKILLS

web development | SQL | C++ | Python (computer programming) | Microsoft Excel | Microsoft Word | Javascript(Nodejs, ExpressJs) | php

CERTIFICATIONS

- **Cisco, 01/2026**
Cisco Certified Support Technician (CCST) – Cybersecurity
 - Network security fundamentals
 - Threat detection and mitigation
 - Risk management and security principles**Mode of learning:** Work based
- **MS OFFICE, 10/2019**
Microsoft Office Specialization
 - Advanced proficiency in MS Word, Excel, and PowerPoint
 - Academic documentation, data analysis, and professional presentations**Mode of learning:** Work based

PUBLICATIONS

- **2026**
AI-Adaptive Education
 - Conducted research on machine learning-based adaptive learning systems.
 - Designed models to personalize educational content and enhance learner engagement.
 - Focused on improving academic performance through AI-driven analytics.

2025

Quantum Computing Threats on Cybersecurity

- Analyzed the implications of quantum computing on RSA and ECC cryptographic systems.
- Studied vulnerabilities in classical encryption algorithms.
- Explored post-quantum cryptographic strategies for future security frameworks.

Journal Name Springer | Publisher publishing(in review)

WORK EXPERIENCE

My Professional Live Projects

KokoKids – <http://kokokids.pk>

An e-commerce website for kids' clothing with intuitive browsing and responsive shopping experience.

AMG Legisinn – <https://www.amglegisinn.com>

A professional consultancy website featuring service showcases and responsive design.

Ladies Closet – <https://ladiescloset.store/>

A Pakistan-focused online store for ladies' dresses, built with user-friendly product browsing, mobile responsiveness, and a clean modern layout.

PROJECTS

Duplicate Image Detection System (Python, OpenCV)

- Developed a computer vision-based system to detect duplicate/similar images.
- Implemented feature extraction and image similarity comparison techniques.

Backend To-Do List API (Node.js & Express.js)

- Designed and implemented RESTful API with CRUD functionality.
- Structured backend architecture and performed testing using Postman.

Digital Logic Design Exhibition (2023)

- Participated in academic exhibition presenting applied digital logic concepts.

AI-Based Space Mission Analyzer

- Designed an intelligent decision-support system for space missions.
- Analyzed mission-critical parameters such as fuel levels, oxygen supply, and environmental constraints.
- Applied rule-based and AI-driven evaluation methods to optimize mission safety and performance.
- Focused on predictive analysis for mission sustainability.

AI-Driven Cybersecurity SOAR System

- Developed a Security Orchestration, Automation, and Response (SOAR) framework.
- Integrated AI-based adaptive learning to detect and respond to cyber threats.
- Designed system to learn from historical attack patterns and improve detection accuracy over time.
- Implemented automated threat analysis and response mechanisms.

Space Shuttle Game

- Developed a console-based **Space Shuttle Game** in C++ as a semester project, applying core programming and Object-Oriented Programming concepts.
- Implemented real-time game loop mechanics, collision detection, enemy generation, and score tracking with file handling for high scores.
- The project strengthened my problem-solving skills, logical thinking, and understanding of structured game development in C++. 

App for Blind persons(help them avoid hurdles)

- Developed a **React-based assistive mobile app for visually impaired users** that uses the device camera to detect obstacles in real time.
- Integrated object detection and voice alerts to guide users and help them avoid hurdles while walking independently.
- The app provides hands-free navigation support, enhancing safety, mobility, and accessibility.

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Key PHP Project

 0135

E-Commerce Website (PHP & MySQL)

- Developed product listing, shopping cart, and checkout system
- Implemented user authentication and order management
- Integrated admin panel for managing products and users

 0135

Student Management System (PHP)

- Created system to manage student records, attendance, and results
- Built admin dashboard with full CRUD functionality
- Ensured secure data handling and validation

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Blog Website (PHP)

- Developed CMS-style blog platform
- Implemented post creation, editing, and commenting system
- Added user roles (admin/user) with access control

COURSES STUDIED

2022 – CURRENT

Courses studied until 6 semesters

- Object Oriented Programming
- Computer Communications and Networks
- Computer Organization and Assembly Language
- Data Structures and Algorithms
- Database Systems
- Programming for Big Data
- Web Application Development(Php,JavaScript,Html.etc)
- Design Analysis of Algorithm
- Artificial Intelligence
- Theory of Automata
- Web Programming(MERN and PERN Framework)