JAWAD AHMAD

Computer Science Student | Full Stack Web Developer

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PROFESSIONAL SUMMARY

Computer Science undergraduate at COMSATS University Islamabad (CGPA 3.7) with hands-on experience building responsive full-stack web applications using React, Next.js, TypeScript, FastAPI and MongoDB. Completed internships in frontend development, cybersecurity and IT operations, with a growing focus on security, networking and AI-driven systems. Experienced in leading student teams, running campus programs and delivering real-world projects, from a freelance client website to an NLP-based legal expert system. Seeking opportunities to apply technical skills and keep learning on impactful software teams.

EDUCATION

Bachelor of Science in Computer Science 2024 - Expected 2028

COMSATS University Islamabad, Wah Campus | CGPA: 3.77

- **Relevant Coursework:** Programming Fundamentals, Object-Oriented Programming, Data Structures, Database Systems, Computer Networking, Artificial Intelligence, Operating Systems

Higher Secondary School Certificate (HSSC), FCS 2022 - 2024

Scholars Science College, Wah Cantt | 910 / 1100 | Computer Science, Mathematics, Physics

TECHNICAL SKILLS

- **Languages:** C++, Java, JavaScript, TypeScript, Python, SQL, Dart
- **Frontend:** React.js, Next.js, HTML5, CSS3, Tailwind CSS, Framer Motion, Redux, Context API
- **Backend and Databases:** FastAPI, Node.js, MongoDB, Firebase, MySQL
- **Cybersecurity and Networking:** Security Testing, Networking and Subnetting, Server Setup, Access Policies
- **UI/UX and Design:** Figma, Google Stitch, Responsive Design, UI Optimization
- **Core Concepts:** Object-Oriented Programming, Data Structures and Algorithms, CRUD Operations, Authentication
- **Tools:** Git, GitHub, VS Code, Vercel, Microsoft Office
- **Professional Skills:** Interpersonal Communication, Social Media Marketing, Team Leadership, Event Coordination

WORK EXPERIENCE

Cyber Security Intern July 2026 - September 2026

CloudExify

- Developed cybersecurity projects focused on vulnerability assessment
- Gained hands-on experience with cybersecurity tools and industry best practices.

Intern August 2026 - September 2026 (6 Weeks)

L.T. Engineering & Trade Services (Pvt.) Ltd., Air Weapons Complex, Wah Cantt

- Worked across IT, MIS, MMD, Finance and Production departments to understand cross-department workflows in a telecommunications and optical fiber manufacturing organization.
- Gained practical exposure to networking, subnetting, server setup, security and access policies.
- Learned how IT systems support internal departments and external clients.
- Visited the fiber-optic cable production facility to see how technology and manufacturing operations work together.

ChangeMakers Ambassador February 2026 - April 2026 (Remote)

DataCrumbs

- Represented the organization and expanded the ChangeMakers community on campus.
- Helped students improve career readiness through resume and LinkedIn masterclasses.
- Connected peers with CV banks, mentorship opportunities and career resources.
- Promoted networking, collaboration and professional growth initiatives.

Web Development Intern July 2025 - August 2025 (6 Weeks)

Anemoia, Wah Cantt

- Built responsive frontend interfaces using HTML, JavaScript, Next.js and Tailwind CSS.
- Applied UI/UX principles to improve accessibility, layout structure and overall interface design.
- Integrated interactive components and modern frontend features into web applications.
- Collaborated with team members and supervisors to refine requirements and implement functional features.

PROJECTS

Comsats Media Club Portal – Club Managemnet Aug 2025 - Sep 2025

Next.js, Cloudnary, Mongodb, Tailwind CSS | github.com/ijawadahmadcs/comsatsmediaclubwah

- Built a official system for daily work management of club`s tasks, team management from admin portal, team-leads dashboard likes and main public site from strach
- Implemented access control where only admins can get access.

LawMate - AI-Powered Cyber Legal Assistant Semester Project

FastAPI, Next.js, TypeScript, MongoDB, SWI-Prolog, spaCy, RapidFuzz, Google Gemini | github.com/ijawadahmadcs/legal-assistant

- Built an AI-powered cyber legal expert system that helps cybercrime victims understand the legal implications
- Accepts user narratives in English and Roman Urdu and extracts legal facts using Natural Language Processing (NLP).
- Delivers explainable legal reasoning, severity assessment, evidence recommendations and actionable guidance through an interactive dashboard.
- Combines Generative AI, NLP and Prolog-based symbolic reasoning, with a FastAPI backend and MongoDB persistence.

Net-Spector - Network Traffic Analyzer Personal Project

Next.js, Node.js | github.com/ijawadahmadcs/net-spector

- Built a web-based network analyzer that visualizes live packet traffic across all five OSI model layers, from physical hex data to application protocols.
- Turned networking theory into interactive, real-time visual insight.

PixelToPen - Text to Handwritten Assignments Personal Project

Next.js, Tailwind CSS, Python | github.com/ijawadahmadcs/pixeltopen

- Developed a web application that converts typed text, PDF and DOCX files into realistic handwritten assignment pages with notebook-style rendering.
- Implemented handwriting font rendering and PDF export using Python, with a responsive Next.js interface deployed on Vercel.
- Gained experience in file processing, image generation, layout rendering and full-stack deployment.

RisexCreative - Client Website 2025 | Freelance

Next.js, Tailwind CSS | risexcreative.com

- Developed a modern client website with motion animations, an embedded video showcase with cinematic gradient
- Focused on clean UI, subtle animation and full responsiveness.

Additional Projects: Rydex-Ride sharing app, Point of Sale system for small businesses (Java); GDG CUI Wah demo website (JavaScript); Picksyy e-commerce app with cart, categories and theme toggle (Next.js); IdeasPlanner UI redesign (Next.js); data structures library in C++ (linked lists, queues, stacks, AVL and heap trees, graphs).

LEADERSHIP AND CO-CURRICULAR ACTIVITIES

Vice President September 2026 - Present

COMSATS Media Club, Wah Campus

- Serve as Vice President of the university media club, coordinating club activities and team members.
- Built Official Portal of the Club

Web and App Development Member September 2025 - Present

Google Developer Groups (GDG) Wah

- Participate in workshops, seminars and community events on modern technologies such as web development, and contribute to event organization.
- Built the demo website for GDG CUI Wah showcasing upcoming events and developer activities.

Societies: Media Manager, COMSATS Heritage Society | Marketing Co-Lead, Student Startup Business Society | Senior Media Member, COMSATS Sports Society | General Member, GDGoC CUI Wah

CERTIFICATIONS

- Fundamentals of UI/UX Design (Microsoft)
- Python Basics (University of Michigan)
- HTML, CSS, and JavaScript for Web Developers (The Johns Hopkins University)
- Work Smarter with Microsoft PowerPoint (Microsoft)
- Google Stitch (DataCrumbs)
- Web Development Bootcamp and React Bootcamp (GDGoC CUI Wah)

HONORS AND AWARDS

- Letter of Appreciation | Media Manager Award | Merit Certificate