

# Muhammad Umair

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## SUMMARY

Aspiring Full-Stack Developer with hands-on experience building scalable, maintainable web applications and crafting intuitive, user-centric interfaces. Committed to continuous learning, with a focus on exploring new technologies and enhancing expertise in full-stack development and machine learning for intelligent, data-driven applications.

## EXPERIENCE

### Web Developer

KaiRiz Cyber Technologies (SMC-Private) Limited

June 2024 – Aug 2024

Faisalabad, Punjab

- Gained hands-on experience in frontend development using HTML, CSS, JavaScript, and responsive design.
- Strengthened problem-solving and debugging skills through practical, task-based learning.
- Applied UI/UX principles to create user-friendly interfaces in simulated real-world scenarios.

## EDUCATION

### Bachelor of Science in Information Technology (BS-IT)

Bahria University Islamabad Campus

Jan 2026

Islamabad, Pakistan

### FSc (ICS)

Fazaia Inter College

Aug 2021

Islamabad, Pakistan

### Metric (General Science)

Fazaia Inter College

June 2017

Islamabad, Pakistan

## SKILLS

### Technical Skills

**Programming & Scripting:** JavaScript, Python, C++, SQL

**Web & Frameworks:** HTML, CSS, Bootstrap, Tailwind CSS, React.js

**Backend, Databases & Tools:** Node.js, Express.js, MongoDB, Firebase, Azure, AWS, Docker

### Soft Skills

Problem Solving, Debugging, Team Collaboration, Communication, Time Management

## PROJECTS

### AI-Powered Multi-Platform Management & Insights

Final Year Project — *socialsight.me*

Aug 2025

OAuth 2.0, RTK, 2FA, TOPT, nodecron, nodemailer, Transformers

- Built a centralized social media management platform for businesses and creators.
- Unified dashboard with real-time analytics, follower growth, and engagement insights across multiple platforms.
- Implemented post creation, drafting, scheduling, and publishing via a calendar-based workflow.
- Fine-tuned a RoBERTa base model for sentiment analysis to classify audience feedback and provide qualitative insights.

### Heart2Heart

Freelance — *h2hcourses.com*

Mar 2025

React.js, Tailwind CSS v4, Firestore

- Developed a responsive course platform with intuitive dashboards for seamless user experience.
- Integrated Firestore for dynamic course display and real-time tracking of user profiles and enrollments.
- Implemented interactive UI components to enhance engagement.

### theothersfarhan

Freelance — *theothers-farhan.com*

Nov 2025

Next.js 16, React 19, Tailwind CSS v4, Framer Motion

- Developed a professional videographer portfolio. Designed responsive, animated interfaces.
- Implemented interactive media, custom animations, and reusable modular components.
- Optimized project structure, linting, and assets for scalability and maintainability.

## Rachael Fryrear Counseling

Freelance — [rachaelryrear.com](https://rachaelryrear.com)

June 2025

React.js, Tailwind CSS v4, Framer Motion

- Developed and delivered a responsive portfolio for a licensed professional counselor, including an email form using a third-party service, exceeding client expectations.

## Lung Cancer Image Classification

Semester project

Dec 2024

TensorFlow, Keras, Flask

- Designed and trained a CNN model to classify lung cancer images into Adenocarcinoma, Benign, and Squamous Cell Carcinoma with 97% accuracy.
- Applied data augmentation, batch normalization, and dropout to enhance model generalization and stability.
- Integrated Flask backend with a responsive web interface for real-time image upload and instant predictions.

## PUBLICATIONS

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### International Conference Paper (Under Review)

Submitted in Dec 2025

Capital University of Science & Technology (CUST), Islamabad, Pakistan

**Title:** A Unified Social Media Framework for Real-Time Post-Comparison and RoBERTa Sentiment Analysis

**Authors:** Muhammad Umair, Esha Zafar, Dr. Muhammad Asif, Dr. Kabeer Ahmed Bhatti

**Target Proceedings:** International Journal of Innovations in Science & Technology (IJIST), HEC Pakistan – Y Category

## AWARDS & ACHIEVEMENTS

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### Merit-Based Scholarship - 3rd Position

2nd Semester, 2022

Bahria University

Academic Excellence

- Awarded for securing the highest GPA in the batch.

### Certificate of Appreciation – 2nd Position

3rd Semester, 2023

Department of Computer Science, Bahria University

Project Gala – DSA course

- Secured 2nd position in the Project Gala competition, recognized for outstanding performance.

### PM Youth Laptop Scheme – Merit-Based Laptop Award

8th Semester, 2025

Government of Pakistan

Merit-Based Eligibility

- Received laptop based on academic excellence and merit.

## HOBBIES

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- Mobile-Gaming
- Hiking
- TV Series

## LANGUAGES

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- Urdu (Bilingual proficiency)
- English (Professional proficiency)