

Muzammil Javed

Date of birth: 20/09/2002 | **Nationality:** Pakistani | **Phone number:** (+92) 3044042000 (Mobile) | **Email address:** muzammiljavedd@gmail.com | **Address:** 55000, Kasur, Pakistan (Home)

● SKILLS

Experienced on

Languages - Java, Kotlin, JavaScript, Python.

Frontend Frameworks & Libraries - React.js, Flutter.

Backend & serverless technologies - FastAPI, Django, Firebase.

AI/ML & Data Science - OpenAI, ChatGPT, Automation, WebScraping.

Other - Docker, Ad Monetization UI/UX design, Git, SQLite, Test-Driven Development, Cross-Platform Mobile Development. Communication skill, MS office.

● WORK EXPERIENCE

BIT N BYTE DIGITAL SOLUTIONS – LAHORE, PAKISTAN

AI & AUTOMATION ENGINEER – 08/05/2025 – CURRENT

- **Process Analysis:** Analyze existing **business processes and workflows** to identify opportunities for automation and efficiency gains.
- **Model Development:** Design, build, train, and evaluate **Machine Learning (ML) models**.
- **Data Preparation:** Perform **data preprocessing, feature engineering**, and data pipeline creation to ensure high-quality input for model training.
- **Performance Optimization:** Optimize model performance (speed, accuracy, memory usage) for real-time or large-scale applications.

– PERSONAL PROJECT

OBJECT DETECTION & RECOGNITION SYSTEM – 08/10/2024 – 15/02/2025

- Developed an **object detection and recognition system** using **OpenCV and deep learning models**.
- Implemented **image preprocessing, feature extraction, and classification** for real-time object identification.
- Utilized **CNN-based architectures** to enhance detection accuracy.
- Designed a **Python-based application** for real-world use cases like **security surveillance and inventory tracking**.

PERSONAL PROJECT | AI & COMPUTER VISION – LAHORE, PAKISTAN

IMAGE PROCESSING ENGINEER – 10/06/2024 – 10/09/2024

- Developed an **image-based rice classification app** using **VGG16** for deep learning-based image recognition.
- Classified different rice types (e.g., **Super Rice, Kainat Rice**) based on user-uploaded images.
- Improved model accuracy through **data preprocessing, augmentation, and fine-tuning**.
- Implemented the solution for **automated rice type identification and property display**.

NETCOULD – LAHORE, PAKISTAN

WEB & APPLICATION DEVELOPMENT – 06/03/2024 – 15/06/2025

- **1.5 years of professional experience** in **Web Development**, working on multiple projects, some of them are showcased in my **GitHub portfolio**.
- **Developed and deployed responsive, user-friendly, and performance-optimized web applications**, ensuring smooth functionality across devices.
- **Worked across the full development cycle** – from **designing and coding** to **testing and deployment**, meeting client and user requirements.
- **Strengthened expertise** in **front-end and back-end development**, including **UI/UX design, API integration, and database management**.
- **Gained strong problem-solving skills** and the ability to **adapt quickly to new technologies**, delivering innovative and effective web solutions.

- Developed a **comprehensive rent-a-car app** with core features like **user-admin accounts, car listings, location tracking, booking, and user management**.
- Designed an intuitive **UI using XML** and implemented **Firebase Realtime Database** for seamless data management.
- Built using **Java in Android Studio** with **Android SDK**, integrating APIs for enhanced functionality.
- Managed version control with **Git & GitHub** to ensure efficient collaboration and code maintenance.

 – MSTECH – FAISALABAD, PAKISTAN

MOBILE APPLICATION DEVELOPER – 01/08/2022 – 31/12/2023

- **1.5 years of hands-on experience in Mobile Application Development (Android)**, building and shipping apps end-to-end.
- **Projects:** Some of them are **Weather, E-commerce, Open Reads, Signal Meter, Meditation, Music, and Shopping** applications—covering varied domains and user needs.
- **End-to-end ownership: design → development → testing → deployment**, delivering **user-friendly** and **performance-driven** releases aligned with client requirements.
- **Core strengths: problem-solving, UI/UX optimization, API integration**.
- **Project highlights (examples):** integrated **weather APIs**; built **catalog, cart, and order/checkout** flows for e-commerce/shopping; implemented **device/network readings** for Signal Meter; delivered **audio playback** and **notification** flows for meditation/music; created smooth **reading experiences** for Open Reads.
- **Tooling (as relevant per project): Android, Android Studio, Java/Kotlin, Firebase, and Git/GitHub**.
- **Adaptable, quick learner**—comfortable picking up new technologies and contributing effectively to diverse mobile solutions.

 GAMICA CLOUD – FAISALABAD , PAKISTAN

ANDROID APP DEVELOPMENT INTERN – GAMICA CLOUD – 01/04/2022 – 30/06/2022

- Gained **hands-on experience** in Android app development, contributing to **mobile application projects**.
- Developed apps using **Kotlin, Android Studio, and Android SDK**.
- Designed and implemented **UI layouts using XML** for an enhanced user experience

 NEW TECH SOFTWARE HOUSE – FAISALABAD, PAKISTAN

ANDROID APP DEVELOPMENT INTERN – 01/01/2022 – 28/03/2022

- Completed a **4-month internship**, gaining hands-on experience in **Android development** using **Kotlin & Java**.
- Worked on **UI design (XML), Android SDK, and data management** with **Firebase Realtime Database**.
- Developed a strong foundation in **app building, user interface design, and backend integration**.

PROFESSIONAL PROFILES

Portfolio

To explore details of my projects, problem-solving skills, and educational background, please visit my portfolio at the link provided.

Link <https://muzammil-javed.netlify.app/>

GitHub

Active GitHub profile featuring diverse projects of Android development, Web development and AI applications, demonstrating strong coding practices and problem-solving skills.

Link <https://github.com/MUZAMMIL-JAVED/mijay>

EDUCATION AND TRAINING

08/08/2020 – 08/07/2024 Lahore , Pakistan

BACHELOR OF INFORMATION TECHNOLOGY University of Education Lahore, Faisalabad.

- Programming (Fundamentals, Java, C++, python)
- Artificial Intelligence
- Machine Learning
- Data Structures and algorithms
- Networking
- Cloud Computing
- Database and administration
- Data mining
- Software Quality assurance

Field of study Software and applications development and analysis | **Final grade** CGPA: 3.28/4.0 | **Thesis** Rent a Car Application

01/08/2018 – 01/06/2020 Ellahabad, Kasur, Pakistan

INTERMEDIATE (F.SC PRE-ENGINEERING) Model Science College

01/04/2016 – 01/05/2018 Kasur , Pakistan

METRICULATION SCIENCE GROUP Government Higher Secondary School, Kangan Pur.

LANGUAGE SKILLS

Mother tongue(s): **URDU**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C2	B1	B1	C2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

MANAGEMENT AND LEADERSHIP SKILLS

IT Society (Vice President)

Held the position of Vice President in the IT Society for two consecutive years. Successfully organized various events including seminars, dinners, and parties. Also, mentored junior students by guiding on management practices.

HONOURS AND AWARDS

08/08/2020

PEEF Scholarship - University of Education

01/01/2024

Prime Minister Laptop Scheme - University of Education
