Ifra Munawar

Date of birth: 23/05/2003 | **Place of birth:** Kasur, Pakistan | **Nationality:** Pakistani | **Phone number:**

(+92) 3067573838 (Mobile) | **Email address:** iframunawar1@gmail.com | **LinkedIn:**

https://www.linkedin.com/in/ifra-munawar-436651357 |

Address: Ahmed Ali shah colony kasur, Pakistan, 75500, Kasur, Pakistan (Home)

ABOUT ME

Computer Science undergraduate with strong expertise in full-stack development and a growing focus on AI research. I specialize in building scalable, real-time applications using modern technologies including Node.js, Express.js, MongoDB, and React. My project experience includes developing comprehensive systems like the Smart Lecture Scheduling System, demonstrating proficiency in database architecture, system design, and user-centered development. Currently expanding my research into Artificial Intelligence and Machine Learning, with particular interest in developing intelligent systems that address complex real-world challenges through secure, efficient, and innovative solutions.

EDUCATION AND TRAINING

20/09/2021 – CURRENT Faisalabad, Pakistan
BACHELOR OF SCIENCE IN COMPUTER SCIENCE Government College University, Faisalabad, Pakistan

Artificial Intelligence, Data Structures & Algorithms, Software Engineering, Database Systems, Mobile Application Development

Mother tongue(s): **URDU** | **PUNJABI** Other language(s):

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

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

SKILLS

Website https://gcuf.edu.pk | **Field of study** Computer Science & Information Technology | **Level in EQF** EQF level 6

LANGUAGE SKILLS

Artificial Intelligence & Machine Learning

machine learning | Pandas | scikit-Learn | Python (computer programming) | Data Science | Research Methodology | TensorFlow

Mobile Development

Android SDK | Android App Programming (Kotlin and Flutter) | MySQL, SQLite, Oracle, Firebase(NoSQL) | MVVM + Repository pattern | Android Development |(Android Studio)

Tools & Platforms

Android Studio, | Version Control (Git) | AGILE Methodologies | Git/Github, Docker, Gitlab | Visual Studio/Visual Studio Code

Web Application

CSS | JavaScript | React | Express.js | HTML | Node.js | Mongo DB

CONFERENCES AND SEMINARS

14/04/2025 University of Engineering and Technology (UET), Lahore
Dev Connect Organized by GDGOC & Powered by TechNexus

Link https://uet.edu.pk

CERTIFICATIONS

Cognitive Class (Powered by IBM), 04/02/2025
Deep Learning with Tensor Flow

• Developed hands-on skills in constructing, training, and deploying models for complex pattern recognition and predictive analysis

Cognitive Class (Powered by IBM) , 02/01/2025

Data Science 101

Acquired comprehensive foundational knowledge in the data science pipeline, from data collection and cleaning to analysis and visualization.

PROJECTS

01/02/2025 – 14/05/2025
Smart Lecture Scheduling System

Engineered a full-stack web application to automate lecture scheduling and academic communication, reducing administrative overhead and minimizing scheduling conflicts.

Developed a secure and scalable Node.js/Express backend with a MongoDB database, designing RESTful APIs for dynamic timetable management and user registration.

Built an interactive frontend with HTML, CSS, and JavaScript, enabling real-time CRUD operations, announcement dissemination, and automated email notifications.
Architected the system to enhance operational efficiency, ensuring reliable real-time information delivery and strengthening

expertise in end-to-end software development. **Link** https://github.com/codecraft-by-ifra/Smart-Lecture-System.git