

Moaz Bin Younus

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Saarbrücken 66123, Saarland Germany

EDUCATION

Saarland University

M.Sc. Media Informatics

Saarbrücken, DE

Oct 2023 – Dec 2025

COMSATS University

Bachelor of Science in Software Engineering

Islamabad, PK

Feb 2018 – Jan 2022

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL (Postgres), TypeScript, JavaScript, HTML/CSS, Dart

Frameworks: Flutter, React, Next.js, Material-UI, FastAPI

Developer Tools: Git, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse, Firebase

EXPERIENCE

Software Developer

Studyclout

Oct 2025 – Dec 2025

Saarbrücken, DE

- Developing, and maintaining website.
- Collaborating closely with the design team to translate UI/UX wireframes into high-quality code.
- Writing clean, scalable, and maintainable code while adhering to best practices.
- Ensuring the apps meet functional and non-functional requirements including performance, security, and scalability.

Software Developer

Green Spot (Enactus Germany)

Apr 2025 – Sept 2025

Ingolstadt, DE

- Developing, and maintaining cross-platform mobile and web applications using Flutter.
- Collaborating closely with the design team to translate UI/UX wireframes into high-quality code.
- Writing clean, scalable, and maintainable code while adhering to best practices.
- Implementing CI/CD pipelines and managing app deployments.
- Ensuring the apps meet functional and non-functional requirements including performance, security, and scalability.

Software Developer

Pakistan Detector Technologies Pvt Ltd.

Jun 2022 – Sept 2023

Islamabad, PK

- Developed Flutter applications for iOS, Android, and Linux platforms.
- Implemented Thermal Vision support for metal detectors, featuring real-time mapping and path options.
- Redesigned operations in the Production Department by creating an Inventory and Operations Management System, resulting in streamlined procurement and inventory processes.
- Led an AI (Artificial Intelligence) project to enhance metal detection accuracy, resulting in a more precise model for identifying precious metals.
- Assisted the embedded team by providing software solutions to address soil mineralization challenges.

Flutter Developer

Freelance

Feb 2022 – May 2022

Islamabad, PK

- Conceptualized and executed the design and development of the Client, Vendor, and Rider applications, catering to both Android and iOS platforms.
- Successfully implemented Background Notifications utilizing Node.js and Firebase technologies, enhancing the app's real-time communication capabilities.
- Integrated Google Maps seamlessly into the applications, optimizing location-based services for a more user-friendly experience.
- Orchestrated the deployment of Cloud Storage Support, ensuring efficient and secure data management in the cloud environment.
- Implemented a robust One-Time Password (OTP) service to fortify the authentication process, enhancing the overall security posture of the login system.

Software Developer

Jan 2021 – Jan 2022

COMSATS University

Islamabad, PK

- Programmed micro controllers using Python, ensuring seamless integration and optimal functionality.
- Fine-tuned sensors to guarantee accurate and reliable data readings, enhancing the overall effectiveness of the system.
- Implemented SMS and call alerts specifically tailored for fire alarms and gas leakages, fortifying the system's responsiveness to critical events.
- Developed Android and iOS applications, fostering a user-friendly interface for enhanced accessibility.
- Utilized Firebase for cloud-based data storage, ensuring secure and scalable handling of collected information.
- Implemented data visualization through graphs, facilitating comprehensive data analysis for users.
- Leveraged AI for Facial Recognition to detect and identify potential intruders, bolstering security measures.
- Applied background notifications using Node.js and Firebase to prompt users to open windows when encountering elevated humidity levels within the room, showcasing a proactive approach to environmental management.

PUBLICATIONS

EEG-Based Brain-Computer Interaction for Elevator Control Using Muse Headset

Jul 2024