Amer Mujalo

SOFTWARE DEVELOPER

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GitHub | Linkedin | HackerRank

EDUCATION

UNIVERSITY OF SARAJEVO, FACULTY OF ELECTRICAL ENGINEERING   July 2021 - July 2025
Computer Science and Informatics Bachelor   Sarajevo

EXPERIENCE

BHPOST | Intern   Sarajevo, BIH | 2024 July – September

Developed a .NET web application for detecting and displaying network errors, integrating with SolarWinds. Utilized SQL for data storage and automated updates using BAT and PowerShell scripts. Gained experience in database management, process automation, and web development.

HTEC | Full-Stack intern   Sarajevo, BIH | April 2025 – July 2025

During my internship at HTEC, I developed applications using Angular and .NET, and implemented DevOps practices to streamline development processes.

SKILLS

Programming Languages	: Python, C++, C, Java, Julia, MatLab, C#
Libraries/Frameworks	TypeScript, JavaScript, React, Angular, TensorFlow, Nmap, SignalR
Tools / Platforms	Git, Visual Studio, VS Code, Qt Creator, Intellij, DataMiner, MbedStudio, Azure DevOps, Bitbucket, Docker, Selenium
Databases	SQL, MongoDB

PROJECTS / OPEN-SOURCE

LAN.ATTENDANCESYSTEM | Link   Python

An attendance tracking system based on Raspberry Pi Pico W. Students check in by connecting to the local network created by the device, enabling automatic attendance recording in a fast and efficient manner. Developed as part of the Embedded Systems course in 2024.

ECOVISIONAR | Link   JavaScript, Tailwind CSS, HTML, React, Mongoose, Node.js

Developed a GPS-based web application promoting eco-friendly behavior through gamification. The app tracks CO savings from walking, running, and public transport, awarding EXP points and offering quests with rewards. Participated in the BEST Mostar Hackathon 2025, held from February 2123, 2025.

OBEM-ALPHATEAM | Link   C# .NET WPF

Developed an Energy Monitoring and Management System using C# .NET Framework 4.8 and WPF as part of the Skyline Talent Program, held from February 24 to February 29, 2025. The application enables building managers, residents, and maintenance teams to monitor and optimize energy consumption, enhancing efficiency, cost transparency, and sustainability.

ACCESSICOMMAND | Link   Python, cv2, mediapipe, speech_recognition

AccessiCommand is an award-winning hackathon project that secured first place. It aims to create an alternative and intuitive way for users to interact with their computers using facial gestures, hand gestures, and voice commands. AccessiCommand provides a flexible framework to map these alternative inputs to standard system actions.

CERTIFICATIONS

- Angular (Intermediate) - HackerRank

HONORS & AWARDS

- Won hackathon at HomeWork HUB 2025