Amer Mujalo

SOFTWARE DEVELOPER

amujalo1@etf.unsa.ba | +38762576917 | Hasim Spahic 27, Ilijas

GITHUB | LINKEDIN | HACKERRANK

EDUCATION

UNIVERSITY OF SARAJEVO, FACULTY OF ELECTRICAL ENGINEERING   July 2021 - July 2025

COMPUTER SCIENCE AND INFORMATICS BACHELOR   Sarajevo

EXPERIENCE

BHPOST | INTERNHIP   Sarajevo | 2024 July – September

During my internship at BHPost I worked on a project BHP_SwitchErrorLog. The goal of this project was to develop a tool for detecting and displaying network errors, with a particular focus on integration with SolarWinds software. The tool was implemented as a .NET web application using an SQL database and automated data updates via BAT and PowerShell scripts. Through this project, I enhanced my skills in database management, process automation, and web application development.

SKILLS

PROGRAMMING LANGUAGES	: Python, C++, C, Java, Julia, MatLab, C#
LIBRARIES/FRAMEWORKS	TypeScript, JavaScript, React, Angular, TensorFlow, Nmap
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, CSS, HTML, React, Mongoose, Node.js

We developed Ecovision, a web application that promotes eco-friendly behavior through gamification. The app uses GPS tracking to accurately calculate CO savings based on user movementwalking, running, and using public transport.

Users earn EXP points for sustainable activities, compete on the leaderboard, and participate in special quests that offer bonuses and discounts.

The project was developed as part of the BEST Mostar Hackathon 2025, held from February 21 to February 23, 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.