

# AMIR ALIU

Gjilan, Kosovo  
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<https://amiraliu.vercel.app>

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Full-stack web developer based in Kosovo with a passion for web & software development. Proficient in fundamental front-end languages and server-side languages.

## EXPERIENCE

### Freelance Web Developer | Independent

- Coded & maintained small-scale/medium-scale websites for gaming communities, artists and various clients.

### Community Manager, Developer, and Systems Administrator | Independent

2014 – 2021

- Designed, deployed, and maintained server infrastructures on Windows, Ubuntu, and CentOS platforms, ensuring high availability and security for gaming communities with thousands of users.
- Developed and coded custom game modes, enhancing user experience and engagement by implementing features tailored to community needs.
- Created and maintained community websites and forums to centralize resources, improve communication, and support user interaction.
- Automated administrative tasks with custom scripts and optimized server performance through regular updates and patching.
- Managed user access, enforced community policies, and maintained a positive environment.
- Collaborated with community members to organize events, troubleshoot technical issues, and foster a collaborative atmosphere.

### Technical Support Volunteer

Musa Zajmi Primary/Middle School, Gjilan

2013– 2018

- Helped troubleshoot and resolve technical issues with PCs, laptops, printers.
- Assisted staff and peers with setting up and maintaining technology in classrooms.
- Provided informal IT support during school events and daily activities.
- Helped teachers and peers learn how to use software tools like Microsoft Office and educational platforms effectively.

## EDUCATION

### BSc Computer Science | Universum College

2021 – PAUSED

### High School | Zenel Hajdini

2018 – 2021

## SKILLS

- HTML/CSS
- React JS
- C#
- MongoDB
- Windows OS
- Ubuntu OS
- Bootstrap
- Next JS
- Java
- MySQL
- Windows Server
- Ubuntu Server
- TailwindCSS
- Node.js
- Python
- MSSQL

## TOOLS

- Office Products
- IntelliJ
- Postman
- Putty
- MongoDB Atlas
- Visual Studio
- Products
- Docker
- Wireshark
- SQL Server Management
- Visual Studio
- VMware
- FileZilla
- Nmap
- XAMPP
- Code
- Workstation
- WinSCP

## CERTIFICATIONS & BADGES

[SOC Level 1](#) | TryHackMe

[Introduction to IoT and Digital Transformation](#) | Cisco Networking Academy

[Network Technician](#) | Cisco Networking Academy

[Junior Cybersecurity Analyst](#) | Cisco Networking Academy

[Python Essentials 1](#) | Cisco Networking Academy & OpenEDG Python Institute

[NDG LINUX UNHATCHED ENGLISH 0723B](#) | Cisco Networking Academy & Network Development Group (NDG)

## PERSONAL PROJECTS

**Snake Game** (Java 22, Java Swing) - the classic Snake game implemented in Java using Swing for the graphical interface. (<https://amiraliu.vercel.app/projects/snake-game>)

**Kosovo Flag Fixer for Steam** (Javascript)- browser extension that fixes the missing Kosovo flag on Steam Community profiles. Supports both Chrome & Firefox browsers. (<https://amiraliu.vercel.app/projects/steam-kosovo-flag-fixer>)

**Banking Application** (C#, XUnit) - simple console banking application that follows the Interpreter Pattern. (<https://amiraliu.vercel.app/projects/banking-app>)

**AI Language Detection** (Python, Pandas, Numpy, Scikit-Learn, Tabulate) - language detection model that uses the Naive Bayes algorithm to classify a given text into one of the 22 languages present in the dataset. (<https://amiraliu.vercel.app/projects/ai-language-detection>)

**E-Commerce Web Application** (Next.JS, MongoDB, PayPal) - I served as the Lead Developer and Group Leader for our Programming Bootcamp team at the university, where I demonstrated expertise in both front- end and back-end development, as well as handling the design aspects of our project. Our team achieved exceptional results, attaining the maximum score possible for our project. (<https://amiraliu.vercel.app/projects/ecommerce-web-application>)

**Billing System** (C#, WPF, MSSQL 2018) - an application developed as a University Assignment, aimed at efficiently managing billing operations. Built to run on the Windows platform, the system is designed using C# as the primary programming language, employing a Tier 3 Architecture. The graphical user interface is created with WPF, while Microsoft SQL Server 2018 serves as the reliable database management system. (<https://amiraliu.vercel.app/projects/billing-system>)

**COVID Dashboard** (Java, Spring Boot) - dynamic web application developed using Java and Spring Boot technologies, delivering real-time COVID-19 data and analytics. Compatible with both Windows and Linux platforms, the dashboard provides valuable insights into the pandemic's impact. (<https://amiraliu.vercel.app/projects/covid-java>)

**Login Form** (C#, WPF, MSSQL 2019) - a straightforward and effective application designed as part of a University Assignment to facilitate user authentication and display user information on a dashboard. Built using C# programming language and leveraging Microsoft SQL Server 2019 as the database management system, the login form offers a secure and efficient login mechanism. (<https://amiraliu.vercel.app/projects/login-form>)

**Arduino Project** (Arduino Uno) - simple project developed for a University Assignment, utilizing the Arduino Uno microcontroller board. This project simulates a basic traffic light system, which includes three traffic signals: red, yellow, and green. The traffic lights follow a predefined sequence to manage vehicular and pedestrian traffic at an intersection. (<https://amiraliu.vercel.app/projects/arduino-project>)

**Snapchat Usernames** (Python 3, Requests, PySimpleGUI) - Python script that enables users to verify the availability of Snapchat usernames. Built to be platform- independent, this script utilizes Python 3 along with the Requests library for making HTTP requests and PySimpleGUI for creating a user-friendly graphical interface. (<https://amiraliu.vercel.app/projects/snapchat-usernames>)