

Blend Kqiku

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Professional Summary

I'm a passionate Software Engineer with a solid foundation in computer science and a strong drive to build innovative, efficient, and scalable solutions. My experience spans software development, system architecture, and database design, with a focus on creating reliable and maintainable applications.

Curious and continuously learning, I enjoy leveraging modern tools and frameworks to solve real-world problems. Whether optimizing backend systems or designing user-focused applications, I thrive in collaborative environments that challenge me to push the limits of technology.

Experience

Internship: Backend Software Developer

NextJS | Remote | September 2025

- Developed backend components using Next.js and Node.js.
- Improved code performance and contributed to deployment and testing processes.

Certificate: Agentic AI Camp – Startup Program

Innovation Centre Kosovo (ICK) | October 2025

- Completed an intensive program focused on building AI-driven products and startup innovation.
- Gained hands-on experience with AI tools, prompt engineering, and Agentic AI workflows.
- Collaborated on developing an AI-powered prototype from concept to functional demo.

Education

Xhavit Ahmeti High School of Natural Sciences, Gjilan

2019 – 2022

University for Business and Technology (UBT), Prishtina

2022 – 2025

- **BS** Computer Science and Engineering (Specializing in Software Engineering)

Languages

- **Albanian:** Native (C2)
- **English:** C2 – Reading, Writing, Listening, Speaking
- **German:** A2 – Basic proficiency

Projects

AcademixPro

- **Technologies:** Laravel (Backend), React.js (Frontend), MySQL (Database)
- Complete school administration platform with user authentication, role-based access control, and grade management system

STEMMeet

- **Technologies:** Django (Backend), React (Frontend), MySQL & MongoDB (Database)
Social collaboration platform for STEM fields featuring project applications, partner matching,
research paper sharing, and AI assistant integration

LuxuryStep

- **Technologies:** Django (Backend), React (Frontend), SQLite (Database)

- E-commerce platform for luxury shoes with product reviews, wishlist functionality, online ordering, and Stripe payment integration

Bird Game

- **Technologies:** Unity (Engine), C# (Game Logic)
- Physics-based shooting game where players stretch and launch a bird to eliminate enemy birds, inspired by Angry Birds mechanics

Transify

- **Technologies:** ASP.NET Core (Backend & Frontend), SQL Server (Database)
- Web-based transportation system following MVC architecture for managing bus schedules, route viewing, ticket booking, and taxi service requests

Stock Prediction with LSTM

- **Technologies:** Python, TensorFlow/Keras, yfinance
- LSTM-based model for predicting NVIDIA stock prices using historical data, with data preprocessing, model training, and performance evaluation against real prices

Speech-to-Text Neural Network

- **Technologies:** Python, TensorFlow/Keras, Librosa, LibriSpeech
- Bidirectional LSTM-based model for converting audio to text using MFCC feature extraction, with automated dataset processing, character-level sequence prediction, and real-time audio transcription

Image Classifier - CIFAR-10

- **Technologies:** Python, TensorFlow/Keras
- Deep learning model trained on CIFAR-10 dataset for classifying images into 10 categories (airplanes, cars, animals, etc.) with image normalization and prediction capabilities

Urban Sips

- **Technologies:** ReactJS, OpenStreetMap Overpass API, Leaflet maps
- A React web app that helps users find coffee shops, cafes, and bars in Prishtina, Kosovo.

Hand Gesture Recognition System

- **Technologies:** Python, OpenCV, MediaPipe, scikit-learn, Random Forest Algorithm
- A real-time hand gesture recognition system that uses MediaPipe and Random Forest to identify five hand gestures (Thumbs Up, Peace, OK, Fist, Stop) through webcam.

Technologies

Frontend: HTML/CSS, JavaScript, React.js, Typescript

Backend: Laravel, ASP.NET Core, Django REST, SpringBoot, Python, Java, NextJS

Database: SQLite, MySQL, MongoDB

Query Language: SQL

Libraries: PyQt/PySide, TensorFlow, Keras, NumPy, Recharts, Chart.js, React Rating Stars, React Icons

Tools: Git, Postman, Selenium, Visual Studio 2022, VS Code, Cursor, Eclipse, MySQL Workbench, SQL Server Management Studio

Skills

- **Software Engineering:** Object-oriented design, full-stack development, architecture design, database design
- **AI Model Training:** Data preprocessing, model selection, optimization, and evaluation
- **Problem Solving:** Analytical thinking, debugging complex issues, algorithm design, and optimizing solutions

Socials

- **LinkedIn:** <https://www.linkedin.com/in/blendkqiku/>
- **Portofolio:** <https://blend06.github.io/portofolio/>