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

STEMeet

- **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.

Traffic Monitor – Intelligent Accident Detection System

- **Technologies:** Python, OpenCV, YOLO (Object Detection), Multi-Object Tracking, Machine Learning
- A computer vision–based traffic monitoring system that detects and tracks vehicles from video footage, distinguishes traffic congestion from potential accidents using motion and speed analysis, and automatically generates accident reports by saving scene screenshots and structured metadata in JSON format for further processing.

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 Manage-

ment 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/