

Stefan Ladinski

Email: stefan.ladinski.work@gmail.com

Phone: +389 70 715 775

Address: Skopje, North Macedonia

LinkedIn: <https://www.linkedin.com/in/stefan-ladinski-003956233>

PROFESSIONAL EXPERIENCE

Stopanska Banka - E-Banking System Developer; Skopje, North Macedonia

December 2024 - Present

- **Designed and implemented robust, scalable RESTful APIs** for the m-banking system, ensuring fast and efficient transfer of data.
- **Led the full implementation and deployment of SEPA payments** across the e-banking and m-banking platforms, ensuring compliance with European standards.
- **Engineered & deployed an overhaul of the legacy SWIFT payment system**, resulting in improved reliability for international transfers.
- **Executed multiple system-wide performance and security enhancements**
 - Reduced the user login time from ~20 seconds to 2 second or less (~90% decrease in login time)

Freelance - Django Full-stack Developer; Remote

October 2023 - Present

- **Developed & deployed a multi-business service booking platform** that allows users to browse services, schedule appointments and manage custom business profiles.
 - Built a **generative AI search feature using OpenAI API with FAISS vector embeddings**, enabling natural language service discovery in production with **RAG** (Retrieval Augmented Generation) patterns.
- **Developed and deployed two e-commerce catalog websites** for local businesses featuring detailed product descriptions, multi-language support and integrated CRM functionalities.
- **Engineered a dynamic, real-time product filtering system** using jQuery and Ajax to enhance user experience, allowing customers to instantly narrow down search results without page reloads.
- **Designed and developed a static showcase website for a UK-based robotics firm**, showcasing the business and its various products and services.

ShopWiz - Lead Backend Developer; Remote

October 2023 - Present

- **Engineered and developed a multi-vendor e-commerce platform using Django**, overseeing the backend architecture required to support inventory, user accounts and product listings for multiple vendors.
- **Integrated a complete payment solution via CPAY**, managing secure transaction flows, order processing, coupon/discount and vendor payout logic across the entire marketplace.
- **Ensured deployment consistency and scalability** by containerizing the backend service using **Docker and Docker Compose**, supporting streamlined CI/CD processes.

- Published and presented "American Sign Language Alphabet Recognition Using Machine Learning" at the 20th Conference on Informatics and Information Technologies (CIIT).
- Engineered a novel video dataset from scratch for each letter of the ASL alphabet.
- Optimized dataset storage by ~90% through computer vision transformations while improving model accuracy from 70% to 90%

- Engineered a RESTful API using ASP.NET 8 to handle complex insurance policies and claims logic, processing critical business data.
- Implemented robust JWT Token authentication across all API endpoints and integrated OAuth 2.0 support for securely retrieving third-party data
- Developed and deployed a full-stack Invoice Management enterprise web application utilizing Blazor Server technology, moving a core business function online.

TECHNICAL SKILLS	SOFT SKILLS
• Python (2+ years; data processing, backend development) • AI/ML (OpenAI API, Vector Embeddings, Computer Vision) • C# (ASP NET8, Blazor) • JavaScript, jQuery, Bootstrap • SQL	• Teamwork • Communication • Time-management • Problem solving • Critical thinking

EDUCATION	
• Faculty of Computer Science and Engineering (FINKI); Skopje, North Macedonia Application of Information Technologies	Graduated 2025
• Georgi Dimitrov High School; Skopje, North Macedonia Natural Mathematical Field A	Graduated 2019

LANGUAGES	
• English; Fluent • Macedonian; Native speaker	