

Marko Ivanovski

📍 Skopje, North Macedonia | [🌐 LinkedIn](#) | [🐙 GitHub](#)

☰ Summary

Nearly graduated computer science student with hands-on experience building full-stack and backend systems, including full ownership of a feature from design through deployment. Comfortable learning new languages quickly and focused on writing clean, maintainable code.

📁 Experience

Endava
Software Development Intern

Skopje, North Macedonia
Jul 2026 – Aug 2026

- Built an internal tool for employees to log and track activities done outside client work, using modern technologies and industry best practices, and following an Agile/Scrum workflow with sprint planning, stand-ups, and retrospectives
- Applied modern technologies and industry best practices throughout, for a reliable and maintainable result
- Learned how a real engineering team keeps a codebase maintainable in practice, through code review, layered architecture, and a GitFlow workflow with Conventional Commits

Macedonian Academy of Science and Arts
Student Research Intern

Skopje, North Macedonia
Feb 2026 – Jun 2026

- Contributed to Vezilka, the first large language model built specifically for the Macedonian language, as part of an NLP research team
- Collected and prepared regional dialect data to improve how the model understands different ways Macedonian is spoken
- Helped fine-tune and test the model to improve its handling of uncommon words and dialect-specific expressions

ASEE
Software Development Intern

Skopje, North Macedonia
Jul 2024 – Sep 2024

- Built bank management desktop applications, following best practices and frequent code reviews
- Learned how to design and optimize SQL database schemas, including queries and stored procedures, to support reliable data handling
- Gained hands-on experience across the full software development lifecycle, and learned how to manage priorities and tight schedules

🎓 Education

University of Ss. Cyril and Methodius
Faculty of Computer Science and Engineering

Bachelor of Science
Skopje, North Macedonia • Oct 2022 – Present

Brainster
Full-Stack Development Bootcamp

Developer
Apr 2022 – Apr 2023

<> Projects

Gut Microbiome Study

- Built an end-to-end ML pipeline to classify individuals into four health categories (Healthy, Crohn's Disease, Ulcerative Colitis, Obese) using microbiome taxonomy data
- Performed data preprocessing including exploratory analysis, feature engineering, normalization, and class balancing on real biomedical data
- Benchmarked multiple classification algorithms (Random Forest, SVM, Gradient Boosting) with hyperparameter tuning and cross-validation, reaching over 80% average accuracy

Macedonian Stock Exchange Platform

- Built a full-stack stock trading simulation platform with a scraping pipeline covering over 10 years of historical exchange data
- Created a Django REST API with JWT authentication, role-based authorization, and full CRUD support for the simulation
- Built a responsive Next.js frontend with interactive charts and dynamic filtering for trend analysis

⚡ Skills

🔧 Back-End Technologies
Django, .NET, Spring Boot

🗄️ Database Technologies
PostgreSQL, MS SQL, Redis, Neo4j

🔗 Version Control
Git, GitHub, GitLab

🖥️ Front-End Technologies
HTML, CSS, Tailwind, JavaScript/TypeScript, React, Next.js

🧠 Machine Learning & Data Science
NLP, GNN, RAG, LLM, Tensorflow, Jupyter, NumPy, Matplotlib, PyTorch

📄 Documentation/Colaboration Software
Jira, Confluence, MS Teams