

Lubomír Gernáth

Full stack developer

✉ GernathLub@gmail.com ☎ +421904989290 📍 Kosice, Slovakia 📅 23/01/1999

🌐 linkedin.com/in/lubomir-gername 🔗 gernath.net

Profile

I'm a full-stack developer with a passion for building smart, practical solutions—from factory floor interfaces to traffic management systems and insurance platforms. I enjoy working across the stack, whether it's designing scalable backends in .NET or Python, creating clean UIs in Angular or React, or setting up cloud infrastructure and CI/CD pipelines.

My journey into tech began with a love for logic, math, and sci-fi, and it's taken me from coding small freelance projects to leading development teams on large-scale systems. I value clarity in code, teamwork, and learning something new every day. Whether I'm diving into legacy migrations or designing a fresh architecture from scratch, I care about building things properly—so when I look at git blame in five years, I can be proud of the results.

Education

Master's degree, *Technical University of Kosice* 2021 – 2023
Information Technology Kosice, Slovakia

Bachelor's degree, *Technical University of Kosice* 2018 – 2021
Information Technology Kosice, Slovakia

Languages

Slovak	<div><div></div></div>	English	<div><div></div></div>
German	<div><div></div></div>		

Skills

Python Django, Flask	<div><div></div></div>	Machine Learning Scikit-learn, Pytorch, Pandas, Matplotlib	<div><div></div></div>
TypeScript Angular, NextJS, React	<div><div></div></div>	C# .Net, WPF	<div><div></div></div>
Golang	<div><div></div></div>	Graphic Visualisation of the User Interface Tailwind, CSS, Bootstrap	<div><div></div></div>
Cloud Services and System Architecture Microsoft Azure, AWS	<div><div></div></div>	Databases PostgreSQL, MongoDB, CosmosDB, MSSQL	<div><div></div></div>
Other Docker, Serverless, CircleCi, Git, Jira	<div><div></div></div>		

Work Experience

Esten, *.Net and Angular developer* 05/2023 – present

Remaster Solutions, *Django and React developer* 10/2021 – 04/2023

Projects

Vessel Traffic Management System, *Full stack developer*

09/2024 – present

As a senior developer, I've been working on the core development of the Vessel Traffic Management System—a large-scale, microservice-based platform that integrates real-time data from multiple sources and exposes APIs for a desktop application. My contributions have been primarily focused on Angular (up to v20) and .NET (up to .net9), where I've implemented key features, contributed to architectural decisions, and ensured code quality and performance. In addition to the main system, I've also actively contributed to the development of over four supporting software products. These tools extend the system's capabilities, including monitoring utilities, configuration panels, and diagnostic interfaces—all tailored to enhance overall system operability.

Technologies: .NET, Angular, SQL Server, C++

eBoard, *Full stack developer*

05/2023 – 09/2024

Development and maintenance of a web interface that integrates multiple systems into a single application displayed on a large touch screen. This solution digitizes production processes, simplifying the work of operators and managers. It collects previously lost data, provides analytical outputs, and enhances safety, quality, and profitability within the factory.

My responsibilities included maintaining and implementing new features for the .NET backend, Angular, and WPF applications, as well as fixing bugs. I also set up the CI/CD pipeline to ensure a smooth development process and deployments. Additionally, I led the migration from .NET Framework 4.8 to .NET 8, and from Angular 9 to Angular 18. In the later stages, I took on the role of tech lead, guiding a small team of developers.

Technologies: .NET, WPF, Angular, SQL Server, Kendo UI.

RehaPiano, *Python and NextJS developer*

07/2023 – 10/2024

Developed the software for a rehabilitation and treatment monitoring hardware device, along with its accompanying desktop application, using Python. The project required implementing complex concurrent resource management, utilizing parallel programming to ensure efficient performance and real-time data processing. My role involved designing and optimizing the software architecture to meet the specific needs of the device, ensuring seamless integration between the hardware and software components.

In addition to the core development, I also created a responsive Next.js landing page to showcase the project to the public, providing an engaging user experience and clear presentation of the product's features and benefits.

Technologies: Python, Next.js

Baloise Broker Platform, *Full stack developer*

01/2023 – 04/2023

Online web tool providing a complex car insurance management platform to the brokers of the customer, The Baloise Group (Belgium).

- Continuum development of a web application consisting of the Django Rest Framework with PostgreSQL and front-end implementation in React
- Among others, working on system internationalisation and integration of translation services
- Development of new React app features with extensive usage of Redux and TailwindCSS

- Front-end migration of the React application from deprecated create-react-app solution to Next.js framework

Web content recommendation service, *Master's thesis*

2022 – 2023

Recommendation service for a Django (with PostgreSQL) web application with minimal usage of financial and computational resources, optimised for AWS cloud deployment.

- Golang Lambda functions
- Data embedding using NLP algorithms
- Recommendations based on Chebyshev user-object vector similarity

Technologies: Django, PostgreSQL, MongoDB, Docker, Serverless, AWS cloud services, Pytorch, Scikit-learn

Vroom(.be), *Web Developer and Tech Lead*

10/2021 – 12/2022

Online car dealership and magazine platform implementation as a contractor for Remaster Solutions for customer Mobly(.be).

- Focused primarily on Django framework programming - both backend (Python) and frontend (Javascript, Tailwind, HTMX)
- Actively participating in third-party services integration
- Involved in designing the system and data flow architecture

In later stages of development, I also took over the tech lead duties, managing the development team and the development flow of the project as well.

Open-air theater application, *Full stack developer*

05/2021 – 09/2021



Freelance project for a student civic association involving the design and implementation of a full stack web application and its UI.

- UI created in Figma
- Main technology Django (REST) framework with SQLite database
- Frontend implemented in React with usage of Redux

Interests

- | | |
|------------------|--------------------|
| • Outdoor Sports | • Algorithmization |
| • Traveling | • Sci-fi/Fantasy |

Certificates

Certified Mid-Level Angular Developer  — Medior level Angular (v18) certification by Certificates.dev  issued in July 2025.

Cybersecurity Training — issued Feb. 2025 by ESET Slovensko