

GOZNER MÁTÉ

FULL STACK SOFTWARE ENGINEER

Cluj-Napoca, Romania | +40 752 426 881 | gozner.mate@yahoo.com
github.com/MateGozner | mate.goznair.app



PROFESSIONAL SUMMARY

Result-driven Mid-Level Full Stack Software Engineer with an advanced academic foundation in Enterprise Software Design and hands-on expertise building high-performance, resilient applications in the banking sector. Highly advanced in implementing AI-native development ecosystems, having researched and scaled **GitHub Copilot** from personal academic Student licenses to robust, secure enterprise compliance infrastructure. Proven track record of spearheading full-lifecycle engineering workflows, optimizing large distributed .NET ecosystems, and transforming custom startup architectures into robust, market-ready **Enterprise Applications**.

PROFESSIONAL EXPERIENCE

Mid Full Stack Software Engineer • Banca Transilvania Feb 2025 – Present
Core Banking & Digital Transformation (Formerly BT Code Crafters) Cluj-Napoca, Romania

- **Enterprise Integration & Evolution:** Joined **BT Code Crafters** (the specialized IT subsidiary of Banca Transilvania) in February 2025 to drive core platform scaling, subsequently transitioning into the primary bank entity in April 2026 following a full internal architectural corporate merger.
- **Advanced AI-Native Engineering:** Acted as a subject-matter expert on generative AI workflows, leveraging long-term expertise with **GitHub Copilot** (scaling from a university Student subscription to corporate **Enterprise** licenses). Conducted deep-dive technical research on AI-native code generation patterns to drastically compress SDLC cycle times while enforcing robust code invariants.
- **Backend & Architecture:** Engineered secure, highly concurrent microservices and business logic architectures using **.NET Core** and **MSSQL**, implementing advanced database indexing strategies to boost transactional throughput.
- **Security & IAM Compliance:** Enforced security-first design patterns, token-based authentication models, and least-access controls across high-compliance banking web applications.
- **Frontend Development:** Built and maintained responsive, reliable web consoles using **React**, **TypeScript**, and **Tailwind CSS**, significantly boosting back-office operational velocity.

Software Engineer Intern • Codespring June 2023 – Sept 2023
Enterprise Application Development Team Cluj-Napoca, Romania

- **AI Parking Enterprise Application:** Spearheaded the technical design and deployment of an innovative, real-time **AI-Powered Parking Space Detection System**, scaling it into a robust, high-performance Enterprise application utilizing advanced object detection models.
- **Backend Engineering:** Assisted in the architecture, prototyping, and modular scaling of multi-tiered enterprise backend systems using **Java** and **Python**.
- **Quality Assurance & Testing:** Authored comprehensive component test plans and executed automated testing layers, successfully expanding test coverage margins across legacy subsystems by 15%.

TECHNICAL SKILLS

Languages	C#, SQL (MSSQL), JavaScript, TypeScript, Java, Python, C/C++, HTML/CSS, Swift, Assembly (x86), Matlab, Haskell
Frameworks & SDKs	.NET / .NET Core, Flutter, React, Next.js, React Native, .NET MAUI, Tailwind CSS, Spring Boot, Node.js, Supabase
Cloud, DevOps & AI	GitHub Copilot (Advanced Student & Enterprise Practitioner), Azure Cloud, Firebase, Docker, Git, CI/CD Pipelines
Methodologies	AI-Native SDLC Optimization, Secure Code Invariants, Least-Access Design, Identity & Access Management (IAM), System Architecture, Agile/Scrum

KEY PROJECTS

- SNIF (Social Networking In Fur)** • [snif.hu](#)

Production System

 - Architected, developed, and launched a comprehensive pet matchmaking ecosystem completely deployed at **snif.hu**.
 - Engineered the core cross-platform mobile experience utilizing **Flutter**, scaling it successfully into a multi-tiered, secure **Enterprise Application** integrated with real-time text chatting infrastructure and geolocation filtering.
- Friends Arena** • [iOS App Store](#) | [worldcup.goznair.app](#)

App Store Live

 - Stop arguing on the couch—prove your football knowledge! Friends Arena is a sports prediction and 7-a-side fantasy app built for friend groups. No more messy spreadsheets: easily create private leagues, invite your friends, and track points in real-time as matchdays unfold. Version 1.0.1 introduces the fully upgraded Group system and fixes notifications, making it seamless to manage your local bragging rights.
 - Architected the complete full-stack topology leveraging a **React Native** mobile client, a high-performance **Next.js** web core, and a real-time reactive **Supabase** relational backend.
- AI-Powered Parking Space Detection System** • Codespring Integration

Enterprise Prototyping

 - Led a development cell to construct a robust object detection pipeline using AI technology to monitor parking lot efficiency in real time, serving as a primary enterprise application module.
- EkeHub** • Mobile Companion App

Active Development

 - Developing a dedicated mobile companion app for the Transylvanian Carpathian Association (EKE) using **Flutter** and **.NET MAUI** with a **.NET Core** backend; integrated the **Strava API** to sync live route telemetry.

EDUCATION

- Master's Degree in Computer Science** • [Babeş-Bolyai University](#)

2024 – 2026

Enterprise Software Design and Development

Cluj-Napoca, Romania
- Bachelor of Science in Computer Science** • [Babeş-Bolyai University](#)

2021 – 2024

Faculty of Mathematics and Computer Science

Cluj-Napoca, Romania

ACHIEVEMENTS & CONFERENCES

- **Featured Speaker at Today Software Magazine Launch Conference (167th Edition):** Invited to present the production architecture and rapid adoption metrics of "[Release Monitor: Povestea unui tool intern adoptat de 3 echipe în sub 3 luni](#)".
- **37th National Students' Scientific Conference (OTDK 2025), Budapest:** Presented advanced technical research on modern software methodologies, scalable enterprise patterns, and automated delivery models.
- **27th Transylvanian Students' Scientific Conference (ETDK 2024):** 1st Place Winner for innovative software development research.
- **IEEE 22nd International Symposium on Intelligent Systems and Informatics (SISY 2024):** [Published and presented peer-reviewed research paper on intelligent data systems.](#)
- **Cloudflight Coding Contest 2021:** Ranked 15th place worldwide, 3rd place university level.