



George Petri

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EXPERIENCE

Bank for International Settlements

Jul 2024 – Present

Senior Full-stack Engineer: React, TS, .Net C#, SQL

Basel, CH

- Design and maintain a wide range of services and integrations ensuring reliability and scalability
- Developed a solution for tracking staff KPIs

Microsoft

Feb 2022 – March 2024

Software engineer: React, TS, .Net C#, Azure, Kusto, K8s

Brasov, RO

- Worked as lead engineer on an internal tool which detects noisy service monitors and suggests fixes
- Implemented Architecture Decision Records to document and evolve the project
- Changed the job scheduler from an in-process library to separate Azure Functions to improve reliability
- Developed an internal tool which scans for feature flags which are unmaintained or misused

Fortech

Mar 2021 – Jan 2022

Senior software engineer: Angular, React, TS, .Net C#, SQL

Brasov, RO

- Worked on a hospital rostering software written in Blazor
- Implemented KYC for a fintech microservices project

Essensys Software

Jul 2016 – Jan 2021

Technical team lead: C#, SQL, Azure, Android, K8s, Kotlin

Brasov, RO

- Led a team to develop a global platform for assessing health data
- Organized the work into sprints, introduced code reviews
- Implemented DevOps practices by containerizing the app and adding CI, CD

PROJECTS

LLM-Integrated Space Game

- Custom engine written with Typescript, React, Three.js, Tailwind, Jolt Physics engine running in wasm
- Uses OpenAI's models to generate in-game assets at runtime
- Not open source, can demo if desired

SKILLS

Skills

- React, Typescript, Next.js, Three.js, Tailwind, C#, .NET Core, Entity Framework, SQL, Kafka, Kubernetes, CI, CD, Kotlin, Android, RxJava, JUnit

Certifications

- Azure Fundamentals, Associate Android Developer

EDUCATION

Faculty of Electrical Engineering and Computer Science Brasov

2013 – 2017

Engineering Diploma

Finished Electrical Engineering and Computers in English