

# RÓBERT-ÁRPÁD BOROS

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## Fullstack Software Engineer

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### CAREER SUMMARY:

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Senior full-stack engineer with over 4 years of experience building and shipping production-grade systems across domain infrastructure and climate tech. Core expertise spans Node.js(NestJS)/TypeScript backend architecture — including microservices, GraphQL, REST, and CI/CD pipelines complemented by solid frontend skills in React and Next.js.

### TECHNICAL SKILLS:

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#### Languages

- TypeScript, C++, Go, Bash
- Additional exposure: C, Python, Java, PHP, Lua

#### Backend

- Node.js, GraphQL (Apollo), REST API design, microservices architecture, design patterns, advanced programming concepts (reflection, API layer caching, query batching)

#### AI & Agent Tools

- Proficient in leveraging AI-assisted development tools to accelerate development workflows. Experienced in using LLM-powered tooling for code generation, debugging, and technical problem-solving across backend and fullstack projects.

#### Frontend

- React, Next.js, Tailwind, Experienced with modern TypeScript frontend development tooling

#### Infrastructure & DevOps

- Docker, Kubernetes, GitHub Actions, CI/CD pipelines, Helm, Unix systems

#### Databases & Data

- Relational database design, MySQL, PostgreSQL, NoSQL databases (MongoDB), Elasticsearch/Solar

### EDUCATION:

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#### Babes-Bolyai University of Cluj-Napoca | 2020-2023

Bachelor of Computer Science - Software Engineering

Cambridge English Level 3 Certificate in ESOL International (Advanced)

### WORK EXPERIENCE:

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#### FX Garage

Fullstack Software Engineer | 2023 - Present

- Designed and owned scalable backend architectures in Node.js/TypeScript across fintech and domain infrastructure products, building both microservices and modular monolith systems serving thousands of customers daily.
- Built GraphQL and REST APIs end-to-end — schema design, service layers, and data access patterns — alongside React/Next.js frontends, operating as the sole engineer on multiple features across the full stack.
- Significantly reduced deployment errors and release cycle time by building comprehensive CI/CD pipelines with automated testing (Jest, Cypress) and container orchestration via GitHub Actions, Docker, Kubernetes, and Helm.
- Used my previous experiences with system architecture to set up and maintain the company's own network and servers

**PC Ambulante**

DevOps & System Architecture Engineer | 2022 – 2023

- Maintained multiple servers and other systems
- Deployed automatic workflows
- Managed the network architecture of schools, private clinics and other clients
- Used my software engineering background to approach problems from a developer standpoint

**FX Garage**

Software Engineer Intern | 2021

- Gained hands-on experience developing a full stack production application, database schemas, design patterns and data persistence