Robert-Gabriel Bercaru

Fullstack Developer · React · Next.js · Node.js · TypeScript

Bucharest, Romania | +40 733 162 131 | bercarurobert0@gmail.com | linkedin.com/in/robert-bercaru | github.com/brobert1

SUMMARY

Fullstack Developer who turns product ideas into fast, reliable web and mobile applications. Over 2+ years at ChessCoders, built and shipped features across the entire stack with React, Next.js, Node.js and TypeScript, and automated their delivery through CI/CD pipelines on AWS. Thrives under pressure as 1st Prize winner at the FIICODE Hackathon Finals 2025, and currently pursuing a Master's in Information Systems at ASE Bucharest.

EXPERIENCE

Fullstack Developer | ChessCoders, Bucharest 07/2024 – Present

- Own the end-to-end delivery of production web and mobile apps with React, Next.js, React Native (Expo), Node.js, Express.js, MongoDB and TypeScript, from technical design to release.
- Lead critical user-facing features, turning product requirements into scalable solutions alongside product managers and designers in an Agile/Scrum team.
- Drive performance and scalability work across backend architecture and application code, cutting response times.
- Designed and maintain CI/CD pipelines (GitHub Actions, Docker) automating tests and deployments to AWS.

Web Development Intern | Nagarro (remote) 12/2022 – 06/2023

- Completed an intensive 7-month remote program, progressing from fundamentals to full web applications.
- Built Angular and TypeScript single-page applications with reusable UI components and REST API integrations.
- Developed responsive interfaces with HTML5, CSS3, JavaScript (ES6+) and Bootstrap.
- Collaborated with peers in Agile workflows to analyze requirements and deliver well-structured code through Git.

PROJECTS

Confera | Next.js, Node.js, PostgreSQL, AWS S3

- Full-stack conference management platform with a peer-review workflow, role-based dashboards, JWT auth, email notifications and CI/CD through GitHub Actions.

Seekr | Rust, Tantivy, ONNX, Vector Search

- Local code search CLI merging BM25 keyword and AI semantic search, indexing codebases in under 1 second.

Pathly | React, Node.js, MongoDB, WebSockets, PWA

- Real-time location-sharing PWA with live maps, alerts, WebSocket chat, push notifications and offline support.

EDUCATION

MSc, Information Systems for Economic Resources and Processes Management 2026 – 2028
Bucharest University of Economic Studies (ASE)

BSc, Economic Informatics (Computer Science) 2023 – 2026
Faculty of Cybernetics, Statistics and Economic Informatics, ASE Bucharest

SKILLS

Languages: JavaScript, TypeScript, Java, Python, Rust
Frontend: React, Next.js, React Native, Expo, Angular, Tailwind CSS
Backend & Data: Node.js, Express.js, Spring Boot, Laravel, REST APIs, WebSockets, PostgreSQL, MongoDB
Cloud & DevOps: AWS, Docker, GitHub Actions, CI/CD, DigitalOcean, Linux, Git, Agile/Scrum, Jira
Spoken: Romanian (native), English (C1–C2), French (intermediate), German (A1)

AWARDS

- **1st Prize**, FIICODE Hackathon Finals (2025) · **2nd Prize**, FIICODE Hackathon Finals (2023)
- **Vibe Coding Award**, VibeHack Hackathon (2026) · **3rd Prize**, InfoEducație National Phase (2022)