

Branko Crnogorac

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PROFESSIONAL SUMMARY

Senior Software Engineer with 9+ years of professional C#/.NET and Node.js development experience across real-estate marketplaces, marketing automation, finance, healthcare and government. Led a team of 8 engineers to deliver 20+ microservices, enabling dynamic application scaling. Currently maintain 10+ production services on serverless AWS infrastructure with near-zero downtime. Strong grounding in software architecture, event-driven systems, identity (OAuth 2.0 / OpenID Connect) and cloud-native design, with a proven record of mentoring engineers and driving engineering standards. Daily user of AI coding tools (Claude Code, Cursor, Copilot).

CORE SKILLS

C#, .NET Core, ASP.NET Web API, Node.js, TypeScript, AWS (Lambda, ECS, S3, SQS), Terraform, Docker, PostgreSQL, SQL Server, RabbitMQ, Microservices, Event-Driven Architecture, OAuth 2.0 / OpenID Connect, React, Agile / Scrum

WORK EXPERIENCE

Senior Software Engineer | AVIV Group

March 2024 - Present | Remote

- Build monetization and lead-acquisition features across AVIV Group's real-estate marketplaces (Immowelt, SeLogger, Logic-Immo), including a new pricing calculator for Immowelt.
- Designed a lead-capture flow that pushes Immowelt on-site form submissions directly into the CRM, cutting the time from form completion to lead creation.
- Maintain and operate 10+ production services on serverless AWS Lambda, provisioned with Terraform, with near-zero downtime thanks to retry policies and resilient error handling.
- Support the marketing team on Salesforce Marketing Cloud and Data Cloud, modelling campaign data and building the automations behind acquisition campaigns.

Team Lead / Senior Backend Engineer | RokoLabs Ltd.

November 2021 - March 2024 | New York, USA (Remote)

- Led a team of 8 engineers, delivering 20+ microservices on a C#/.NET domain-driven architecture for a cloud-hosted corporate facilities platform, enabling the application to scale dynamically with demand.
- Built the Identity service (OAuth 2.0 / OpenID Connect via OpenIddict) for single sign-on, plus asynchronous processing and document data extraction on AWS (SQS, S3, Textract).
- Introduced event-driven workflows using RabbitMQ and SQS, decoupling services and strengthening platform resilience.
- Hired and mentored engineers, ran technical interviews and performance reviews, and drove code reviews and coding standards, raising engineering quality across the team.

Freelance Software Engineer | Studio EXE

February 2020 - November 2021 | Zagreb, Croatia

- Delivered production systems across e-commerce, finance and insurance, government and healthcare, including Allianz web shops, a NopCommerce B2B webshop, the Croatian Bureau of Statistics website, an Android TV streaming app and a COVID-19 lab QR-code system.
- Owned projects end-to-end, working independently and fully remote, from architecture through deployment.

Full-Stack Software Engineer | Irata d.o.o.

October 2017 - February 2020 | Zagreb, Croatia

- Built a complete warehouse solution with Android scanning apps that sequence items by warehouse layout so workers find stock faster.
- Built an Identity Server for SSO, a document-signing web app, a vacation-request platform and an ERP order-management system, translating complex business rules into robust software.

EDUCATION

MSc, Computer Science

University of Zagreb - Faculty of Electrical Engineering and Computing, 2016 - 2019

BSc, Computer Science

University of Split - Faculty of Electrical Engineering, Mechanical Engineering and Naval Architecture, 2013 - 2016