



Drin Simnica

Senior Full Stack Developer

CONTACT

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📍 Prishtina, Kosovo

LANGUAGES

Albanian — Native
English — Full Professional
German — A2 (actively learning)

CORE SKILLS

- ▶ JavaScript / TypeScript
- ▶ Angular / React.js
- ▶ Node.js / PHP / Laravel
- ▶ GraphQL / REST APIs
- ▶ PostgreSQL / MongoDB / Redis
- ▶ Docker / Kubernetes
- ▶ AWS (EC2, S3, Lambda)
- ▶ CI/CD (GitHub Actions)
- ▶ Jest / Cypress (Testing)
- ▶ Git / Postman / Jira
- ▶ Figma / Adobe Suite
- ▶ SOLID / Clean Architecture

SOFT SKILLS

- ▶ Technical Leadership
- ▶ Agile / Scrum
- ▶ Team Mentoring
- ▶ System Design
- ▶ Cross-functional Comms
- ▶ Problem-Solving

EDUCATION

BSc Computer Science
UBT – University for Business
and Technology
2018 – 2022 | Prishtina

AWARD

🏆 **Global Game Jam 2019**
1st Place — Most Creative,
Best Graphics, Best Game
(Encryption puzzle game)

PROFESSIONAL SUMMARY

Senior Full Stack Developer with 10+ years of experience designing and delivering scalable, high-performance web applications across Telecom, CMS, CRM, E-Health, E-Learning, and E-Commerce domains. Proven track record in technical leadership, system architecture, and mentoring engineering teams, with hands-on expertise in Angular, TypeScript, Laravel, Node.js, and cloud-based systems. Experienced in building enterprise-grade platforms handling 500K+ records with a strong focus on performance, scalability, and clean architecture. Recognized for bridging business and technology — driving projects from concept to production in fast-paced environments.

CORE TECHNICAL SKILLS

- ▶ **Frontend:** Angular, TypeScript, React.js, JavaScript/ES6+, HTML5, CSS3, RxJS, SSR
- ▶ **Backend:** Laravel, PHP, Node.js, REST APIs, GraphQL
- ▶ **Databases:** MySQL, MongoDB, SQL optimisation, database indexing, query optimisation
- ▶ **Caching & Performance:** Redis, caching strategies, pagination, chunking, asynchronous processing
- ▶ **Architecture:** Clean Architecture, SOLID, modular architecture, microservices, API design
- ▶ **Cloud & DevOps:** AWS (EC2, S3, Lambda, DynamoDB), Docker, Kubernetes, CI/CD
- ▶ **Testing:** Unit testing, integration testing, API testing
- ▶ **Security:** RBAC, authentication/authorization, secure API design, GDPR
- ▶ **Tools:** Git, GitLab, Jira, Figma, Adobe XD/Photoshop

TECHNICAL PROJECT HIGHLIGHTS

Enterprise Reporting & Filtering System

- ▶ Engineered advanced reporting dashboard with dynamic filters and real-time KPIs, processing datasets exceeding 500K rows at sub-second response times
- ▶ Optimised backend query execution and frontend rendering pipeline, reducing page load time by ~65% through indexing, chunking, and Redis caching
- ▶ Designed scalable data aggregation architecture supporting concurrent enterprise users without performance degradation

Document Automation Pipeline

- ▶ Built automated PDF/Word generation engine with dynamic QR code embedding (custom `${QRCode:width:height}` placeholder system), eliminating ~80% of manual document workflows
- ▶ Implemented bulk document batch processing with structured error handling and logging, enabling high-throughput operations for a telecom client

WORK EXPERIENCE

Senior Full Stack Developer

Multinet Communication L.L.C. • 08/2025 – Present | Prishtina, Kosovo

- ▶ Architected and led development of 3+ enterprise telecom platforms serving thousands of concurrent users across billing, reporting, and operations modules
- ▶ Designed hybrid SQL + NoSQL data architecture (MySQL + MongoDB) reducing query bottlenecks by ~60% on datasets exceeding 500K rows
- ▶ Engineered Redis caching layer reducing API response times from ~3s to under 400ms on high-concurrency endpoints
- ▶ Built document automation pipelines (PDF/Word + QR codes) that reduced manual workflows by ~80%, saving significant operational hours monthly
- ▶ Mentored 4+ developers, introduced clean architecture standards and code review practices that reduced production bug rate by ~30%
- ▶ Collaborated cross-functionally with business stakeholders to translate complex requirements into scalable, maintainable technical solutions

Full Stack Developer (Freelance Consulting)

Self-employed • 08/2022 – Present | Remote | International Clients

- ▶ Delivered 10+ full-cycle web projects for international clients, managing requirements, architecture, development, and deployment independently
- ▶ Built custom CRM and CMS solutions with role-based access control, improving client admin efficiency by 40–60% across 3 deployments
- ▶ Implemented GraphQL APIs and Redis caching for high-performance applications; designed UI/UX prototypes in Figma and Adobe Suite

Full Stack Developer → Technical Lead

TROKIT • 10/2020 – 08/2025 | Prishtina, Kosovo

- ▶ Led end-to-end development of 4+ enterprise platforms (E-Health, E-Learning, CMS, internal tooling) serving clients in Switzerland and Norway
- ▶ Architected NeoSana — a modular Swiss e-learning platform similar to Udemy — with dynamic course delivery, user progress tracking, and scalable backend services

- ▶ Built and maintained Digital Solutions, a Norwegian E-Health dashboard used by healthcare professionals, delivering 99.9% uptime with secure, GDPR-compliant APIs
- ▶ Designed and developed BIK CMS, a custom employee and salary management system for a public institution, improving administrative efficiency by ~50%
- ▶ Implemented Redis caching, GraphQL API layer, and query optimisation strategies reducing backend latency by 40–60% across multiple platforms
- ▶ Led architectural decisions, database design, and API strategy across all projects; introduced scalable backend patterns using Laravel, Node.js, and Angular
- ▶ Progressed into a technical leadership role — guiding multiple project teams, enforcing code quality, and conducting regular code reviews

Full Stack Developer

Niks'z • 03/2020 – 12/2020 | Prishtina, Kosovo

- ▶ Developed custom CMS for a PC-building e-commerce platform enabling dynamic configuration of personalised gaming PCs per customer requirements
- ▶ Built flexible product management system with component selection and dynamic pricing; designed UI/UX using Figma and Adobe Suite

Full Stack Developer

iSec • 08/2019 – 03/2020 | Prishtina, Kosovo

- ▶ Developed web platform for an AI-powered security startup integrating with Raspberry Pi camera devices for real-time threat detection (weapons, knives)
- ▶ Built secure React.js / Node.js frontend and backend with cybersecurity best practices; designed real-time surveillance monitoring interface

Website Developer

Techno Service • 03/2018 – 07/2019 | Prishtina, Kosovo

- ▶ Built E-Commerce platforms with React.js and PHP; designed UI/UX with Figma and Adobe Suite

Website Developer

Financial Core • 05/2016 – 12/2016 | Prishtina, Kosovo

- ▶ Developed ASP.NET MVC / C# web applications with CSS/JavaScript frontend enhancements

INTERNATIONAL & ENTERPRISE EXPERIENCE

- ▶ Delivered enterprise platforms for clients and organisations in Switzerland, Norway and Kosovo
- ▶ Worked directly with business stakeholders to transform complex requirements into technical solutions
- ▶ Experience across Telecom, E-Health, E-Learning, CRM, CMS and E-Commerce
- ▶ Developed systems used by enterprise users and public-sector organisations
- ▶ Comfortable working in distributed/international development environments

LEADERSHIP & IMPACT

- ▶ Mentored and guided 4+ developers across teams and projects, improving team output and code quality
- ▶ Led architectural decisions for multi-project environments serving enterprise clients and public institutions
- ▶ Delivered systems handling 500K+ records with measurable performance improvements (query times, API latency, document automation)
- ▶ Acted as key technical decision-maker bridging stakeholder requirements and engineering execution across 10+ projects

ADDITIONAL TRAINING & CERTIFICATIONS

- ▶ Docker & Kubernetes for Developers — Containerisation, microservices, scaling — 2023
- ▶ Cloud Computing with AWS — EC2, S3, Lambda, DynamoDB — 2022
- ▶ Advanced JavaScript & ES6 — Closures, promises, async/await, modules — 2021
- ▶ Advanced React & Redux — State management, middleware, component patterns — 2021
- ▶ Machine Learning with Python — scikit-learn, supervised/unsupervised learning — 2023
- ▶ Data Science & ML Bootcamp — Pandas, Matplotlib, Scikit-learn — 2023
- ▶ Cybersecurity Fundamentals — Threat assessment and defensive strategies — 2020
- ▶ Agile Project Management — Scrum, Kanban, Lean (PMI-ACP prep) — 2022