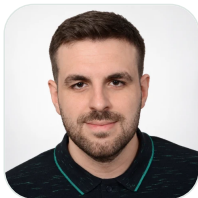


Darko Gjorgjioski

Software Architect · Senior Software Engineer · AI Systems



Open to remote CTO and senior engineering roles darkog.com linkedin.com/in/gdarko github.com/gdarko

Software architect and principal engineer with 12+ years of experience building client platforms and in-house products. Work spans application architecture, cloud infrastructure, eCommerce, ERP, and production operations, with a current focus on agentic AI systems and workflow automation.

Professional experience

Full-time at Ideologix; other roles are contract engagements, with overlapping dates.

Principal Software Engineer · Ideologix Full-time	2016-Present
• Lead architecture, development, and operations for client platforms and in-house products. • Architected Smetko ERP and led a team of two, collaborating with accounting and finance experts. • Develop mobile and web apps, Smetko BSS, and shared billing for micro-SaaS products. • Built Recepti.mk (domestic) and Recipeist.app (global) Android apps. Used one cross-platform codebase with market-specific build flavors. • Build agentic AI systems and automate workflows with n8n. • Integrated AI for client data classification and analysis, with responses streamed live into app workflows. • Built a Hetzner Cloud Kubernetes cluster to consolidate scattered VPS deployments. • Implemented GitOps with Argo CD and CI/CD across projects. • Improve client platform performance and scalability.	
Senior Platform Engineer · ILNP Contract	2023-2026
• Built a Kubernetes cluster on on-premises hosted infrastructure. • Built an observability stack using Grafana, Loki, Tempo, VictoriaMetrics, and OpenTelemetry. • Developed integrations and features for the WooCommerce store.	
Senior Software Engineer · Toptal Contract	2020-2026
Selected contract engagements through Toptal:	
Northeastern University College of Science Contract	2022-2023
• Advised engineering students on architecture for a Python clothing recommendation API. • Mentored the team on AWS SageMaker deployment, GPU-accelerated training and inference; built frontend API integration with WooCommerce.	
Propeller BV Contract	2022-2023
• Led the development team in modernizing an in-house WordPress plugin for B2B eCommerce. • Built optimized web deployments for B2B clients, combining DevOps and performance optimization to support scaling.	
7055 Inc Contract	2020-2022
• Built a multi-vendor marketplace using Stripe Connect. • Deployed the platform on Google Kubernetes Engine (GKE).	
Full-Stack Engineer · Asphalt Kingdom Contract	2018-2020
• Backend: Contributed to backend development for the AKDash.com CRM. • Frontend: Built advanced Google Maps integration with area measurement tools.	
Full-Stack Engineer · St. Petersburg Group Contract	2016-2018
• Built software and tools for news publishing and contributed to the MVP of the new Cityverse platform.	
Freelance Software Developer Contract	2014-2016
• Completed 120+ successful projects, primarily through freelance platforms including Upwork. • Worked part-time on a project for Starbucks China.	

Products

CodeVerve · WordPress products

Develop WordPress plugins at Ideologix for software licensing, updates, payments, and media integrations.

CelerSearch · Managed search cloud

Designed and built a managed search platform in-house at Ideologix. Provisions Meilisearch instances on demand through a customer portal, with lifecycle management and billing for custom applications and CMS platforms. More than 2,000 instances deployed to date.

Smetko · ERP ecosystem, developed at Ideologix

Architected a Laravel modular monolith connecting sales, purchasing, finance, and operations for the Macedonian market. The ecosystem includes a web portal, desktop POS built with Tauri and Rust, third-party integrations, and modules for multiple industries.

Selected open-source projects

InvoiceShelf
Core maintainer since 2024

Open-source invoicing platform. Led modernization into a Laravel modular monolith using Domain-Driven Design (DDD). Shipped multi-tenancy, migrated the frontend to TypeScript, and developed AI-assisted invoice scanning for the 3.0 workstream.

Packyard
Author

Self-hosted Composer registry in a single Go binary, with an embedded admin UI, organization-scoped tokens, S3-compatible storage, and GitHub/GitLab synchronization.

More open-source work and case studies: darkog.com/projects

Education and professional standing

- M.Sc. Software Engineering** · Ss. Cyril and Methodius University, FCSE

2024–Present

Focus: software architecture, system design, DevOps and infrastructure, cybersecurity, and AI.
- B.Sc. Computer Science & Information Technology** · Ss. Cyril and Methodius University, FCSE

2013–2018
- Toptal Verified Expert in Engineering**, member since May 2020 · Speaker, WordCamp Skopje 2018 and 2019 · Long-term open-source maintainer and contributor.

Technical foundation

Languages: Python, Go, PHP, TypeScript/JavaScript, Java, SQL, C/C++ · **AI systems:** n8n, LangGraph, LangChain, LangSmith, Amazon Bedrock, AgentCore, OpenRouter, RAG, tool calling, evaluation · **Platforms:** Kubernetes/K3s/EKS/GKE, Docker, AWS, GCP, Azure, Linux, GitHub Actions, GitLab CI/CD · **Data and interfaces:** PostgreSQL, MySQL/MariaDB, Redis, S3, REST, GraphQL, gRPC · **Product engineering:** Laravel, Symfony, WordPress/WooCommerce, React, Vue/Nuxt, Node.js

Languages

Spoken: English, Macedonian · **Comprehension:** Bulgarian, Serbo-Croatian

Public case studies and current profile: darkog.com · CV updated 15 September 2026