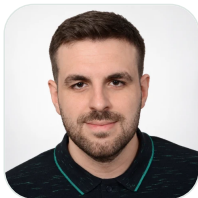


Darko Gjorgjioski

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 independent 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

Principal Software Engineer · Ideologix 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 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 client engagements through Toptal:

Northeastern University College of Science 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 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 2020-2022

- Built a multi-vendor marketplace using Stripe Connect.
- Deployed the platform on Google Kubernetes Engine (GKE).

Full-Stack Engineer · Asphalt Kingdom 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 2016-2018

- Built software and tools for news publishing and contributed to the MVP of the new Cityverse platform.

Freelance Software Developer 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

Built and operate a WordPress plugin business offering several successful products, including software licensing, updates, payments, and media integrations.

CelerSearch · Managed search cloud

Designed and built a platform that provisions Meilisearch instances on a cloud cluster on demand through a customer portal. Supports search for custom applications and CMS platforms, with instance lifecycle management and billing. 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. Shipped multi-tenancy, led a modular refactor, 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, FCSE2024–Present

Focus: software architecture, system design, DevOps and infrastructure, cybersecurity, and AI.

B.Sc. Computer Science & Information Technology · Ss. Cyril and Methodius University, FCSE2013–2018

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 10 September 2026