

Ljubomir Sinadinovski

Full-Stack Software Engineer · Backend & Cloud

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Open to fully remote and to relocation with visa sponsorship

EU Blue Card-eligible (recognised degree + 7 years' experience)

Languages: English (C2, fluent), Macedonian (native)

SUMMARY

Full-stack software engineer with ~7 years shipping production web and backend systems for Swiss and international organisations (SBB, KORA, BASE), working independently across distributed, fully-remote teams. **BSc (Hons) Software Engineering, University of Manchester**. Deep in the JavaScript/TypeScript stack (React, React Native, Next.js, Node.js) with backend work in Python and SQL, plus event streaming on Kafka and container platforms (Kubernetes/OpenShift, Docker, AWS). Owns features end-to-end and communicates cleanly in async, English-first environments. Open to fully remote roles and to relocation with visa sponsorship.

TECHNICAL SKILLS

Languages & frameworks: JavaScript / TypeScript, React, React Native, Next.js, Node.js (Express), Python (Django), HTML / CSS

Databases & APIs: PostgreSQL, MySQL, Prisma, SQL, REST API design

Cloud & infrastructure: AWS, Docker, Kubernetes / OpenShift, Kafka, CI/CD (Tekton, ArgoCD), Grafana, Prometheus, Splunk

Testing & practices: Automated testing & QA, debugging, Git, Agile (Scrum, Kanban), Jira, Asana, Trello, async remote collaboration

EXPERIENCE

Independent Software Engineer - Automation & Web Applications

Remote · 08/2025 - Present · Node.js / Python · Next.js · React · REST APIs

- Built an event-driven trading-automation service that executes trades automatically from market signals, by integrating cryptocurrency exchange REST APIs with TradingView webhooks and designing the order-execution and error-handling logic in Node.js.
- Designed and deployed a personal portfolio web application as a Next.js / React single-page app with a component-based architecture.

Software Developer (Fixed-term Contract) - Stiftung KORA

Bern, CH · 04/2025 - 07/2025 · Next.js · Prisma · MySQL

- Delivered full-stack features for a national wildlife data-management platform used across 20 Swiss cantons, by building them in Next.js on a Prisma / MySQL data layer and clarifying requirements directly with stakeholders.
- Automated official PDF reporting for the Federal Office for the Environment (FOEN), replacing manual report assembly, by designing a pipeline that consolidated data from multiple database tables into structured, government-ready documents.
- Shipped interactive geospatial mapping with polygon-drawing, intended for cross-canton reuse, by integrating the map.geo.admin.ch API into the React front end.
- Safeguarded release quality, by writing Jest tests, documenting a core data-import module, and running QA across the product.

Software Engineer (Digitalisation Specialist, Contract) - Stiftung BASE

Basel, CH · distributed team (CH / Portugal) · 09/2024 - 03/2025 · React Native · Django · PostgreSQL · Docker

- Brought the open-source Coldtivate mobile app to public release on schedule, by coordinating daily with a distributed development team in Portugal under Agile and a CI/CD release pipeline.
- Improved application responsiveness, by optimising React Native modules and tuning slow PostgreSQL queries across core application paths.
- Hardened deployment for stakeholder handover, by containerising services with Docker and supporting the build and release infrastructure.

Software Engineer, Kafka Platform - SBB (Swiss Railways)

Bern, CH · 08/2023 - 06/2024 · Kafka · Java/Spring · Angular · Kubernetes/OpenShift · AWS · ArgoCD · Tekton

- Built a self-service topic-name-mapping tool adopted by 18+ internal teams, by developing a Java Spring REST API and an Angular self-service portal on top of SBB's internal Kafka streaming platform.
- Enabled cross-cluster, cross-cloud event streaming, by implementing Kafka topic replication across OpenShift clusters and into AWS, supporting the platform's distributed microservices architecture.
- Raised platform reliability and deploy safety, by migrating CI/CD pipelines from Jenkins to Tekton and adding monitoring, S3 backups, and orphaned-connector detection.

Software Engineer - Küffer Elektro-Technik

Kirchberg, CH · 04/2022 - 03/2023 · JavaScript · Docker · Grafana · Node-RED · InfluxDB

- Delivered a company HMI and a custom real-time monitoring stack, giving operators live visibility into connected devices, by building front-end interfaces in JavaScript/CSS and a Docker + Grafana + Node-RED + InfluxDB pipeline integrating devices over MQTT and REST APIs.

Technical & Delivery Coordinator (Part-time) - Slimpeak AG

Remote · 2021 - 2022

- Stood up a Kanban delivery process for a ~10-person distributed freelance team across engineering, QA and design, by coordinating recruitment, onboarding and release preparation for an early-stage product.

Full-Stack JavaScript Developer - AdeptCode

Fully remote (Netherlands clients) · 12/2020 - 11/2021 · React · React Native · Node.js · PostgreSQL

- Built and maintained React Native applications end-to-end (incl. SwipeGuide), by implementing the client UI and a Node.js (Express) + PostgreSQL REST backend, working fully remotely with an international team.
- Delivered a React chatbot interface for a customer-support product, by building the conversational UI and wiring it to the backend API.

EARLIER EXPERIENCE

Product Engineer (PLC) - Mikrosam, North Macedonia · 2019 - 2020

Technical Consultant - PrioStartup · 2019

JavaScript Developer - doXteam, North Macedonia · 2018 - 2019

Android Developer - Sorsix, North Macedonia · 2017 - 2018

CERTIFICATIONS & COURSES

- Professional Scrum Master I (PSM I) - Scrum.org, 2024
- Red Hat OpenShift Administration I (DO180) Training - 2023
- Apache Kafka Fundamentals - Confluent, 2023
- IBM Containers, Kubernetes & OpenShift - 2023

EDUCATION

BSc (Hons) Software Engineering - University of Manchester, UK · 2014 - 2017