

# Luka Golubović

Software Engineer | Java/Spring Boot · Go · Distributed Systems · Angular

Belgrade, Serbia

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## PROFESSIONAL SUMMARY

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Software Engineer with 4+ years of professional experience building enterprise healthcare backends, event-driven services, and production delivery pipelines. Strong in Java/Spring Boot, RabbitMQ, Redis, SQL and schema migrations, Docker, and CI/CD, with full-stack delivery in Angular and React. Finishing a Software Engineering degree while practicing distributed systems and Go.

## TECHNICAL SKILLS

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**Primary:** Java/Spring Boot, Go, Angular, React

**Secondary:** Node.js, TypeScript, Python

**Data & Messaging:** PostgreSQL, MySQL, Redis, RabbitMQ

**Delivery:** Docker, Jenkins, CI/CD, Git, SonarQube, Liquibase, Linux

**Developer productivity:** GitHub Copilot, Cursor, repository-level agent workflows

## WORK EXPERIENCE

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### Software Engineer

Engineering Software Lab Serbia - Belgrade, Serbia

September 2023 - Present

- Build and maintain Spring Boot services and REST APIs for enterprise healthcare software, with validation, authorization, and production failure-mode handling.
- Design and implement event-driven flows using RabbitMQ and Redis for service coordination, caching, and reliability.
- Work with MySQL, MSSQL, and Oracle; manage schema evolution with Liquibase.
- Own Docker deployments, configuration management, release cycles, and production debugging.
- Served as a key engineer driving an Angular 8 to 16 migration across 120 frontend modules, working with 6 engineers toward Ivy, standalone components, stricter typing, and faster incremental builds.
- Maintain Jenkins CI/CD pipelines and SonarQube quality gates, fixing build failures and reducing critical code smells.
- Contribute to architecture reviews; ship full-stack features across Angular and React backed by Java and Node.js services.

### Junior Software Engineer

Engineering Software Lab Serbia - Belgrade, Serbia

September 2022 - September 2023

- Started on backend delivery in Java and Spring Boot, then expanded into Angular for an enterprise healthcare platform.
- Built Angular 8 features integrated with Spring Boot REST APIs; fixed production-facing defects during active delivery.
- Worked with Git, Jenkins, Jira, Postman, and SonarQube as part of normal delivery.

### Full Stack Developer

Freelance / Part-time - Remote

2023 - Present

- Build client-facing products including Electron desktop apps, React SPAs, Next.js applications, Go services, and Django REST Framework APIs.
- Built Iris, a cross-platform Electron operations app with typed IPC, role-based authentication, CRUD workflows, analytics, and production packaging.
- Migrated a Django 5.2 monolith into a typed React SPA with 68 routes across 10 domains.
- Built startup product features with Next.js, Prisma, MongoDB, authentication, and admin dashboards.

## **Software Developer**

**Docloop** - Belgrade, Serbia

**September 2021 - September 2022**

- Improved and maintained a production invoice/e-invoicing application built with Vue.js 2 and .NET.
- Worked on invoicing workflows where data correctness, integrations, and audit-sensitive behavior mattered.

## **IT Consultant**

**Docloop** - Belgrade, Serbia

**May 2021 - September 2021**

- Performed daily API endpoint testing using Postman and custom Python scripts.
- Assisted developers and partners with accounting software integrations through APIs.
- Wrote technical documentation for e-invoice integration and led technical meetings and webinars.

## **SELECTED PROJECTS**

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### **Real-Time Distributed Chat System**

Go, React, WebSocket, Redis Pub/Sub, Docker

- Studied horizontal scaling of WebSocket traffic with multiple Go nodes, Redis Pub/Sub fanout, and a custom load balancer; focused on connection ownership, concurrency, and state coordination.

### **Iris - Print-Shop Operations Desktop App**

Electron, React, TypeScript, Tailwind CSS, Zod, Recharts, Go

- Production web/desktop software for work orders, billing, and analytics with typed IPC boundaries and cross-platform packaging.

### **Architex - System Design Practice Platform**

React, Vite, Tailwind CSS, Node.js, Express, SQLite, JWT, Excalidraw

- Full-stack platform for system design practice with JWT auth, server-side state validation, and diagram-based submissions.

## **EDUCATION**

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### **Bachelor's Degree in Software Engineering**

**Metropolitan University Belgrade**

**2023 - 2027 expected**

Currently in year 3 of 4.