

# Milos Vasic

Senior Software Engineer — SDK & Platform Engineering

Belgrade, Serbia · Moscow, Russian Federation Email: [i@mvasic.ru](mailto:i@mvasic.ru) · Phone: +381 69 25 35 718 · +7 966 323 77 17 GitHub: [github.com/milos85vasic](https://github.com/milos85vasic) · Web: <https://milosvasic.ru> Spoken languages: Serbian (native), English (fluent), Russian (fluent)

## SUMMARY

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Software engineer with 15+ years of professional experience (since 2009) across the full software development lifecycle — planning, development, team leadership, and deployment. Deep specialization in SDK and platform engineering for mobile, backend, desktop, and web. Proven record delivering stable, high-performance, developer-facing software for enterprise customers including AWS, Google, and major banks. Author of the book *Fundamental Kotlin*.

## CORE SKILLS

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- Mobile: Android, Kotlin, Java, Jetpack Compose, Kotlin Multiplatform, Coroutines/Flow, Retrofit/OkHttp, Dagger/Hilt; React Native, Expo; iOS (Swift, SwiftUI); Flutter (Dart)
- Backend: Go (Gin), Kotlin/Java (Spring Boot), Python (Flask/Pyramid), Ruby on Rails, C++ (Drogon), Docker/Compose
- Desktop: C++ (Qt, CMake/Ninja), Electron, Kotlin Multiplatform, Java (Swing/JavaFX), macOS (Swift)
- Web: React, Angular, TypeScript/JavaScript, HTML, CSS
- Data: PostgreSQL, MySQL, SQLite, MongoDB, Redis, Firebase, Apache Kafka, RabbitMQ
- Practices & tooling: REST, WebSockets, SIP, Matrix, QUIC; CI/CD (GitHub Actions, Jenkins, CircleCI, Harness); Git; SonarQube; AI-assisted development (Claude, Copilot)

## PROFESSIONAL EXPERIENCE

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### **SDK Developer — Harness (Belgrade, Serbia) | Mar 2020 – Dec 2024**

Led development of the Feature Flag SDK family across all major platforms (Android, iOS, Flutter, React Native, TypeScript/JavaScript, Java, Kotlin, Swift, Go, Ruby). Delivered and maintained production SDKs for enterprise customers and partners including AWS and Google.

### **Software Engineer — Leica Geosystems (Heerbrugg, Switzerland) | Feb 2016 – Feb 2020**

Built real-time iOS and Android software for Leica's cutting-edge 3D laser scanners: low-level hardware communication, real-time data processing, and synchronization. Collaborated with partners including Autodesk.

### **Lead SDK Developer — Bosch (Belgrade, Serbia) | Jan 2010 – Jan 2016**

Led the Connected Vehicles SDK: real-time Bluetooth communication over the OBD-II bus, with high-performance data processing and persistence.

## Selected part-time / contract engagements

- TN-TECH (Novi Sad, Serbia), from 2017 — Android/Kotlin/C++/Qt; products including Globex Data's Sekur secure-communication suite (SekurMessenger, SekurMail, SekurSuite) and the BusRide platform.
- Increment Loop (Belgrade, Serbia), from 2023 — Android/Kotlin (Yuno app).

## SELECTED OPEN-SOURCE PROJECTS

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- HelixTrack Core (Go) — open-source enterprise JIRA alternative for project & issue tracking. [github.com/Helix-Track/Core](https://github.com/Helix-Track/Core)
- HelixCode (Go) — distributed, multi-LLM AI development platform. [github.com/HelixDevelopment/HelixCode](https://github.com/HelixDevelopment/HelixCode)
- HelixAgent (Go) — multi-LLM ensemble agent service. [github.com/HelixDevelopment/HelixAgent](https://github.com/HelixDevelopment/HelixAgent)
- HelixTranslate (Go) — high-performance universal ebook translation toolkit (REST + HTTP/3, real-time WebSocket). [github.com/HelixDevelopment/HelixTranslate](https://github.com/HelixDevelopment/HelixTranslate)
- Mail Server Factory (Shell/Kotlin) — automated mail-server deployment across many OS distributions. [github.com/Server-Factory/Mail-Server-Factory](https://github.com/Server-Factory/Mail-Server-Factory)
- Catalogizer (Go) — advanced multi-protocol media collection management. [github.com/vasic-digital/Catalogizer](https://github.com/vasic-digital/Catalogizer)
- Android-Toolkit (Kotlin) — reusable Android abstractions and implementations. [github.com/vasic-digital/Android-Toolkit](https://github.com/vasic-digital/Android-Toolkit)

## PUBLICATIONS

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- *Fundamental Kotlin* — self-published author, 3rd revised edition (2022). Also authored for Packt Publishing UK.

## EDUCATION

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- M.Sc., Contemporary Information Technologies — University Singidunum, Belgrade (2014)
- B.Sc., Informatics and Computing — University Singidunum, Belgrade (2008)