

Kontakt

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Nejčastější dovednosti

Kafka
ArgoCD
ElasticSearch

Certifications

Complete Guide to Apache Kafka

Publications

Cycle Route Signs Detection Using
Deep Learning
Unleashing the Power of Data
Fetchers in GraphQL with GraphQL-
Kotlin

Lukáš Kopecký

Kotlin/Java developer s přesahem do Reaktího světa
Hradec Králové, Královéhradecký, Česko

Souhrn

Hi, I'm Lukáš Kopecký, a passionate Backend Developer with a love for creating efficient and scalable applications. I specialize in Kotlin and Java for backend development, crafting microservices that handle complex tasks seamlessly.

On the frontend, I enjoy building engaging user experiences with HTML, CSS, and JavaScript frameworks like React. I believe in the power of great design paired with robust functionality!

Always eager to learn, I explore DevOps practices, Docker, and cloud technologies to streamline development processes. I thrive in collaborative environments, sharing knowledge and driving innovation.

Outside of coding, I'm interested in AI, data science, and the latest tech trends. Let's connect and create something amazing together!

Pracovní zkušenosti

Creative Dock Group
Kotlin Backend Developer
ledna 2025 - Present (1 rok 8 měsíců)
Hlavní město Praha, Česko

Engineered and optimized a high-performance, microservices-based supermarket application serving millions of active users. Focused on scalability, real-time analytics, and system reliability, leveraging a modern tech stack: Kotlin, Spring Boot, Kafka, ElasticSearch, Kibana, and Grafana.

Massive Scalability & Performance – Improved system capacity from 100K to millions of notifications per hour, ensuring seamless real-time updates.

Microservices & Event-Driven Architecture – Implemented Kafka for asynchronous, high-throughput communication, ensuring efficient data flow.

Real-Time Monitoring & Maintenance – Integrated Grafana & Kibana dashboards for proactive monitoring, performance tracking, and reduced downtime.

Feature-Rich & High Availability – Enhanced in-app functionalities, including personalized promotions, order tracking, and intelligent notifications.

Optimized Backend with Elasticsearch & Spring Boot – Enabled high-speed data retrieval and robust search capabilities for a seamless user experience.

By leveraging microservices, real-time analytics, and scalable architecture, this project significantly enhanced system stability, user engagement, and future growth potential.

DAMI development s.r.o.

Kotlin/Java backend developer

srpna 2022 - Present (4 roky 1 měsíc)

Hradec Králové, Královéhradecký, Česko

Smart Shipment & Storage Lock Box System – Scalable & Secure

- Developed and architected a shipment and storage locker system in Prague, enabling seamless logistics and secure transactions for users. Designed a robust financial system, integrating wallet calculations, dynamic pricing, and bank connectivity, ensuring a smooth and automated user experience. Tech stack: GraphQL, Spring Boot, Kotlin, WebFlux, PostgreSQL, Redis.

Credit & Wallet System – Implemented real-time wallet balance calculations, supporting deposits, withdrawals, and dynamic pricing models.

Scalable API Architecture – Designed and developed GraphQL APIs for both mobile applications and third-party integrations, ensuring high performance and flexibility.

Bank & Payment Integrations – Connected with banking systems, enabling secure transactions and automated financial operations.

Real-Time Processing & Caching – Leveraged WebFlux & Redis for high-performance, reactive data processing and instant updates.

Third-Party API Integrations – Seamlessly integrated with external logistics and payment providers, enhancing system capabilities.

Comprehensive Testing & Performance Optimization – Ensured system reliability through extensive automated testing and load balancing strategies.

By implementing a high-performance, event-driven architecture, this project significantly improved efficiency, scalability, and financial accuracy, supporting seamless shipment and storage operations.

Keyword Eater

Kotlin Backend developer

června 2022 - ledna 2023 (8 měsíců)

Hradec Králové, Královéhradecký, Česko

As a Backend Developer at Keyword Eater, I played a key role in building and optimizing an automated SEO platform that saves SEO specialists hours of manual work. Leveraging a modern tech stack, I helped develop scalable backend solutions for real-time data processing, analytics, and

MLJ solutions a.s.

Full-stack Developer

března 2020 - ledna 2023 (2 roky 11 měsíců)

Hradec Králové, Královéhradecký, Česko

Generali Česká pojišťovna

React Developer

června 2019 - března 2020 (10 měsíců)

Hradec Králové, Královéhradecký, Česko

Vývojář webových formulářů v JavaScriptu, React.js, CSS, Less, Node JS

ZŠ a MŠ Mozaika s.r.o

Správce sítě

ledna 2017 - června 2019 (2 roky 6 měsíců)

Rychnov nad Kněžnou, Královéhradecký, Česko

Správa sítě ZŠ, podpora, technický analytik.

Vzdělání

Univerzita Hradec Králové

Inženýr (Ing.), Aplikovaná informatika · (září 2020 - května 2022)

Univerzita Hradec Králové

Bakalář (Bc.), Aplikovaná informatika · (2017 - 2020)