



# Michal Šváb

AI & Optimization Engineer

## CONTACT

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## EDUCATION

### Unicorn University

Bachelor of Software Development  
2022 – 2025

### Greenfox academy

Junior Software Developer Bootcamp  
2020

## TECHNICAL SKILLS

**Languages:** Kotlin, Python, Java, JavaScript

**AI & LLMs:** OpenAI API, AWS Bedrock, LangChain, Agentic Tooling

**Optimization:** VRP, Scheduling Algorithms, Constraint-Based Optimization

**Backend:** Spring Boot, Node.js, REST APIs, SQL (PostgreSQL, MySQL), MongoDB, System Design

**Cloud & DevOps:** AWS, Azure, Docker, Git, CI/CD Automation

## LANGUAGE

- Czech
- English

## ABOUT ME

AI-focused Software Engineer working at the intersection of Generative AI and optimization. Power user of agentic development tools (primarily Claude Code) to accelerate delivery and improve solution quality. Trusted client-facing technical partner known for ownership and clarity. Currently expanding leadership capabilities through coaching training.

## WORK EXPERIENCE

### Software Engineer/Tech Lead 2023 – present Blindspot Solutions

- Technical Lead across multiple Generative AI and optimization projects, owning architecture, infrastructure design, code quality standards, and production deployment
- Designed and delivered LLM-powered applications using OpenAI and AWS Bedrock APIs in cloud-native environments
- Built Kotlin-based optimization systems solving complex routing (VRP) and workforce scheduling challenges
- Acted as primary technical partner for clients, translating business objectives into scalable, production-ready solutions
- People Lead for 4–5 engineers, conducting regular 1:1s focused on career development, performance alignment, and long-term growth
- Increased engineering velocity and solution robustness through systematic adoption of agentic AI development tools

### Software Developer/Consultant 2020 – 2023 Mibcon a.s.

- Delivered enterprise-grade B2B & B2C e-commerce platforms as SAP Commerce / Java consultant
- Worked directly with clients on solution analysis, implementation, testing, and deployment
- Backend Lead on internal wage management platform (Node.js, PostgreSQL, SAP BTP)
- Contributed to AI and blockchain internal initiatives (LLM-based document processing, smart contract support)