

# Samir Khomsi Kak

Backend Developer

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## SUMMARY

I am a master's student in Computer Science with a year of experience in backend development, data engineering, and AI integration. Looking for new opportunities to grow up together with you!

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## EXPERIENCE

### Freelance Backend & Full Stack Developer

Feb 2024 – now

- Developed backend and full stack solutions for various clients using Java, Node.js, and Vue.js.
- Currently building an AI agent application focused on LLM integration and automated workflows.

### Java Developer | SoftServe Ukraine

Jan 2022 – Jan 2023

*Worked in backend team, focusing on highquality, scalable solutions.*

- Architected backend solutions using Java EE and Spring Boot, following SOLID and DRY principles.
- Collaborated with frontend and QA teams to identify and resolve technical issues, improving system reliability.
- Designed and optimized database schemas with PostgreSQL and MongoDB; Flyway & Liquibase for migrations. Implemented secure authentication with Keycloak and REST APIs following OpenAPI specifications.
- Implemented test coverage using JUnit, Mockito, and TestContainers.

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## PROJECTS

### SkillScope Backend (SoftServe Internship 2022)

- While working on SkillScope, I enhanced my Spring Boot knowledge through critical problem-solving. After a database issue in the dev branch, I led the data recovery and implemented Flyway for future migration management. I also integrated a PayPal-based monetization system for the bonus points feature, recognized for technical excellence during sprint reviews.

### Grid Backend

- During my bachelor's, I developed an e-commerce backend integrating Keycloak authentication with custom role parsing, multiple payment systems (Stripe, PayPal), and AI chat functionality. I implemented a reusable payment architecture that supported balance system.

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## SKILLS

- Java, Python, Spring Framework (Core, Boot, Cloud, Data JPA, MVC, Security), Hibernate/JPA;
- PostgreSQL, MySQL, MongoDB, Flyway, Liquibase, Apache Kafka;
- Docker, Kubernetes, AWS, GCP, Git, Maven, Gradle, CI/CD;
- OOP, SOLID, DRY, KISS, Design Patterns, JUnit, Mockito.

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## EDUCATION

### Kharkiv National University of Radio Electronics,

Bachelor of Computer Engineering, sep 2020 - jun 2024

Master of Computer Science, sep 2024 - dec 2025

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## LANGUAGES

English – B2

Dutch – B1

Ukrainian – Native

Russian – Native