

VADYM BAHEN

From interface to infrastructure.

Košice, Slovakia | bahenva17@gmail.com

linkedin.com/in/vadym-bahen | github.com/hullss

PROFILE

Third-year Applied Informatics student and software developer with a strong backend foundation. I build Java/Spring services, desktop and browser-facing applications, AI integrations, and the data models that connect them. I enjoy working across a system rather than staying inside one layer.

SELECTED PROJECTS

AI Study Assistant

INFOBIP-MENTORED | TEAM OF 4

Built the Spring Boot backend for an AI-powered chat widget. Integrated REST APIs, worked in a Git-based team workflow, and ran MySQL with Docker Compose.

FactCheck

OPENAI BUILD WEEK

Designed the architecture and built a Spring Boot backend connected to a Python/FastAPI model service using Qwen and DeBERTa for claim verification.

BookTracker

JAVA | SPRING | MYSQL

Created a JavaFX desktop app and Spring Boot REST backend with complete ER/EER schema design, HikariCP, and a multi-module Maven structure.

SmartBite SK

2ND PLACE | HACKATHON

Built a Python/Streamlit food shopping assistant using pandas and the Google Gemini API.

ADDITIONAL PROJECTS

PomodoroTaskManager

JAVA FX | TESTING

Developed a productivity app with MySQL storage and unit/integration coverage using JUnit, Mockito, and Testcontainers.

Sudoku

JAVA | ALGORITHMS

Created a Java desktop game with puzzle generation and CSV-based save/load functionality.

EDUCATION

Pavol Jozef Šafárik University

2024 - 2027 (EXPECTED)

BSc Applied Informatics | Košice, Slovakia

COLLABORATION HIGHLIGHTS

- Infobip: four-person student team guided by two company engineers.
- OpenAI Build Week: cross-service architecture spanning browser, Java, Python, and data layers.
- University hackathon: 2nd place with SmartBite SK.

CORE TOOLKIT

- Java · 5 projects
- Spring Boot · 3 projects
- SQL / MySQL · 3 projects
- JavaFX · 3 projects
- REST APIs · 3 projects
- Docker · 3 projects
- Python · 2 projects
- TypeScript · 1 project

ENGINEERING FOCUS

- Service and API design
- Full-stack integration
- Relational data modeling
- Automated testing
- Team-based delivery

CURRENTLY LEARNING

PostgreSQL · Kafka
Angular · Kubernetes

LANGUAGES

- Ukrainian · Native
- Slovak · B2
- English · B1

AVAILABILITY

Open to software engineering internships and part-time/full-time roles in or near Košice. Available for short-term relocation.