

KONSTANINE VASHALOMIDZE

Tbilisi, Georgia

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🐙 <https://github.com/KonstantineVashalomidze>

Education

Kutaisi International University

Bachelor in Computer Science

Sep. 2020 – May 2025

Kutaisi, Georgia

Experience

Magticom

Java Software Engineer

Dec. 2025 – Present

Tbilisi, Georgia

- Developed and maintained backend services for business process automation using Java, Spring Boot, and Camunda BPM
- Implemented and extended BPMN workflow processes for internal operational procedures (e.g., retail infrastructure setup workflows)
- Integrated process variables, task services, and runtime services using Camunda's Java API within a microservice architecture
- Collaborated in a team environment using Git version control and participated in code reviews

CrocoSquad

Java Application Support Engineer

Aug. 2025 – Dec. 2025

Tbilisi, Georgia

- Maintain 24/7 production Java application serving 40,000+ daily users with zero-downtime requirements.
- Developed Spring Boot website monitoring service with cron-like scheduling and endpoint validation via REST APIs.
- Troubleshoot microservices issues through Java log analysis and coordinate cross-functional incident resolution.

Devexperts

Java Web Developer Intern

Jun. 2024 – Sep. 2024

Tbilisi, Georgia

- Completed 610-hour internship earning Devexperts Java Web Developer Certification through mentorship.
- Designed RESTful APIs using Spring Boot with JWT authentication and OpenAPI/Swagger documentation.
- Developed multi-service financial instruments application and applied Agile methodologies with Docker deployment.

Projects

Kosta Interpreter | *Core Java, Interpreter*

On Github

- Built a fully functional interpreter for a custom programming language from scratch, inspired by Writing An Interpreter In Go
- Implemented a complete pipeline: Lexer → Parser (Pratt parsing) → AST → Evaluator → REPL
- Supports first-class functions, closures, lexical scoping, arrays, hashmaps, and recursive functions
- 12 GitHub stars, 7 forks — github.com/KonstantineVashalomidze/kosta-interpreter

BusArrivals Telegram Bot | *Java, Spring Boot, Telegram Bot API*

On Github

- Developed a Telegram bot that responds to Georgian-language commands for bus arrival information
- Integrated Spring Boot with Telegram's long-polling API with manual bot registration configuration
- Integration with public TTC API Tbilisi's public Transport
- Client side proxy to protect against IP blacklisting

Personal Portfolio Website | *Java, Spring Boot, Spring Security, OAuth2, Keycloak, Docker*

On Github

- Built and deployed a full-stack personal website with a secured admin panel
- Implemented authentication using OAuth2 and Keycloak; hosted at kosta-server.org

Technical Skills

Languages: Java, SQL

Frameworks: Spring Boot, Spring Security, Spring Framework, Camunda BPM

Databases: PostgreSQL, MongoDB, Redis

Developer Tools: Git, Docker, Docker Compose, Traefik, Maven, IntelliJ, Postman, Prometheus, Jira

Infrastructure: Linux Server Administration, Cloudflare, Keycloak (OAuth2/OIDC), Private Container Registry

Other: Microservices, REST APIs, JWT, RBAC, TCP Sockets, Multithreading, BPMN