Giorgi Chapidze

Software Developer

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EXPERIENCE

Beauty Code — CTO / technical lead Jan 2026 – Present

Online store with about GEL 10,000 in monthly revenue and 25,000+ social media followers.

- Build and maintain a React storefront and admin tools for the product catalog
- Keep catalog edits and audit records consistent with SQLite transactions. Preserve URLs on rename
- Deploy on EC2 with Docker and Nginx and verify restores from S3 database snapshots

EPAM Lab — Java Internship (Specialization) Apr – Sep 2026

Gym CRM · Java, Spring Boot, PostgreSQL, Kafka, MongoDB

- Published committed sessions to Kafka and tracked monthly trainer totals in MongoDB
- Tested JWT workflows, database migrations, and Kafka-to-MongoDB processing with Testcontainers

PROJECTS

Zipwit TypeScript, TanStack Start, PostgreSQL, Redis

- Build a bilingual storefront with catalog search, accounts, carts, and bank transfer checkout
- Serve catalog and cart data from Redis Cluster and store orders and payment records in PostgreSQL

Velis Python, asyncio, TCP

- Built a Python cache with key expiry, bounded memory, pub/sub, and a binary TCP protocol
- Measured 144,491 vs. 17,025 reads/s on localhost at batch depths 64 and 1 (64-byte values)

Weft Java, JVM instrumentation, MVCC

- Built a Java transactional memory library with snapshot reads, buffered writes, and conflict retries
- Selected lock timing with a bytecode agent and compared both strategies against a lock baseline in JMH

EDUCATION AND TRAINING

Kutaisi International University — Bachelor's degree in Computer Science
Thesis: Design and Evaluation of an MVCC-Based STM in Clojure (2026).

TBC IT Academy — Quality Engineering & Test Automation Nov 2026 – Present

SKILLS

Languages: Java, Clojure, Python, TypeScript

Frameworks and data: React, Node.js, Spring Boot, Spring Data, Spring Cloud, PostgreSQL, SQLite, MongoDB, Redis / Valkey, DynamoDB, Kafka, Normalization, Schema design

Software design and development: API design, REST, HTTP, HTTP/2, Microservices, Object-oriented analysis and design (OOAD), Design patterns, SOLID principles, Functional programming, Concurrency, Domain-driven design, Web security, SEO, GEO, Ahrefs, Google Analytics

AI tools (learning): RAG, LangChain, LangGraph, LangSmith, Claude, ChatGPT, AI-assisted development

Infrastructure and testing: Docker, AWS, Terraform, Nginx, Test-driven development (TDD), Integration testing, Testcontainers, JMH

Certifications at gchape.github.io/certifications