

KIRILL SAVCHUK

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★ SUMMARY

Senior Backend Engineer and **Team Lead** with **nearly 8 years** of experience delivering scalable, high-performance systems across diverse domains (insurance, identity management, telecommunications, integrations, AI startups) with a strong **Java/Spring** core and broad hands-on exposure to **Python/Django, React**, and the full modern web stack. I have led cross-functional teams of up to 10 engineers, combining architectural ownership, full-stack development, and a consistent track record of **reducing manual effort by 50–90%** through purpose-built automation frameworks. I am genuinely passionate about **AI-driven process optimization**: I believe the most impactful thing technology can do today is eliminate routine work, freeing people to focus on the complex, judgment-intensive problems where human insight is truly irreplaceable and where AI agents still need a person in the loop. I've put this into practice by building a Gemini-powered internal tooling suite with custom MCP integrations, migrating an entire cross-role team to OpenCode + GitHub Copilot, and **cutting recurring task time from hours to minutes**.

📁 EXPERIENCE

EIS Group

Riga, Latvia

Team Lead

Sep 2024 – Present | 1 yr 6 mos

- Built an internal AI productivity suite: a Streamlit application with advanced prompt engineering wrapping Google Gemini API with specialized tools: Code Reviewer, Bug Analyzer, SQL Generator, JUnit/Integration Test Generator, cutting each task from 1–2 hours to minutes (delivered before GitHub Copilot license was available).
- Helped the entire team to onboard OpenCode + GitHub Copilot setup with different MCPs integration (Jira, Confluence, GitLab, File System), allowing the team to leverage full project context for AI-assisted workflows and almost doubled overall team performance on different activities.
- Developed MCP servers, including a secured SQL executor for PROD and SQL generator for complex nested-JSON schemas.
- Established weekly cross-role sessions for DEV, QA, and BA to share AI workflows, tools, and discoveries, building a team-wide culture of continuous AI adoption.

Lead Java Developer

Jun 2023 – Sep 2024 | 1 yr 3 mos

- Acted as Architect on the client side: collaborated directly with POs and BAs to define and present high-level system architectures, where the most complex one was independently implemented end-to-end.
- Tech-led a client team of 6 offshore developers: code reviews and process optimizations.
- Led the Core Product team of 7 (5 DEV + 2 QA): sprint planning, retrospectives, 1:1s, and new developer mentoring.
- Drove continuous process optimization: built a reusable SQL query library, a Postman Collection for complex task automation, and multiple bash/shell scripts to eliminate repetitive routine work.

Senior Java Developer

Aug 2022 – Jun 2023 | 10 mos

- Designed and implemented a Compensation Statement generation pipeline capable of processing 1M+ daily transactions across 40,000 brokers, delivered to strict production SLAs.
- Built a Test Framework (Google Sheets + Postman + Python) for Statement testing that reduced manual testing effort by 90%.
- Implemented a Ledger Test Framework that cut test estimation from 2 months to 2 weeks.
- Developed and customized RxJava microservices on the EIS platform framework for the Insurance Compensation domain; supported production deployment nights.

C.T.Co

Riga, Latvia

Lead Java Software Developer

Sep 2021 – Aug 2022 | 1 yr 1 mo

- Contributed to architecture design decisions, supported production deployments and mentored new team members.
- Migrated the existing Test Automation Framework from Cucumber to Rest Assured, cutting test execution time by 50% and enabling smooth QA adoption through a self-descriptive DSL syntax.

Java Developer

Aug 2020 – Sep 2021 | 1 yr 1 mo

- Delivered full-stack features as a Java/React developer in the Identity and Access Management (IAM) domain of an Insurance company.
- Developed plugins, workflows, and tasks on SailPoint IdentityIQ; diagnosed and fixed functional and performance bugs.
- Built a Spring REST API application providing secure, governed client access to OKTA APIs.
- Participated in the migration of the CI/CD infrastructure from BitBucket to Azure.

Software Developer

Jun 2019 – Aug 2020 | 1 yr 3 mos

- As part of Bachelor's thesis, designed and implemented a WebMethods Test Automation Framework covering 80% of all integration services, reducing manual test execution time from ~4 hours to under 5 minutes.
- Designed architecture and led the automated migration of 100+ APIs from Google Apigee to Software AG API Gateway.
- Developed and delivered a 3-month education plan for a group of 10 interns during the summer program.
- Diagnosed application performance bottlenecks and migrated SQLite to Oracle DB, improving application performance by 30%.
- Led Design Board meetings to review and propose architecture improvements and internal tooling enhancements.

Junior Software Developer

Jun 2018 – Jun 2019 | 1 yr

- Communicated with clients to gather requirements; designed, developed, and tested integration solutions using Software AG webMethods, Google Apigee, and custom Java integrations.
- Maintained and extended the Google Apigee Edge developer platform wrapper (Python/Django): proxy deployment between nodes, full configuration change history, and endpoint-level statistics.

 EDUCATION**Master's degree, Computer Science**

Riga Technical University

Riga, Latvia

2020 – Unfinished

Bachelor's degree, Computer Systems

Riga Technical University | GPA: 8.6

Riga, Latvia

2017 – 2020

 SIDE PROJECTS**Wibe Coder** | Personal Projects

Sep 2025 – Present |

- Built a Telegram Mini App with Bot for padel tournament management, where players can register for tournaments, submit game scores, and discover available courts among all Riga padel centers in real time.
- Developed a myfitness.lv wrapper Web app enabling users to pre-register for training sessions before official slots open, manage their full training schedule in a calendar view, and invite friends to trainings.

Tech Lead | Indivu

Aug 2023 – Aug 2024 | 1 yr

- Spearheaded the technical foundation of an AI-powered startup focused on user personalization and daily routine optimization.
- Engineered the full CI/CD ecosystem from scratch: GitHub for automation, Heroku/Netlify for deployment, Postman for API testing, and Trello for task management.
- Single-handedly designed and implemented a scalable core application template using Python/Django, LangChain, and PgVector (RAG), integrated with the OpenAI API.
- Onboarded, mentored, and conducted code reviews for a team of 3 junior developers.
- Leveraged the internal core template to lead the delivery of 4 distinct AI products: Choices (AI-driven restaurant menu recommendations), Wine App (personalized wine recommendations for a major Latvian spirits retailer), Networking App (professional matchmaking for conference attendees), and All-Invoiced (automated matching of email invoices to bank transactions).

IT Teacher | Freelance

Aug 2022 – Aug 2023 | 1 yr

- Taught children aged 12–18 the fundamentals of IT, tailored to each student's interests and strengths.
- Covered Python/Java, OOP, Web Development (HTML, CSS, JS), Databases, REST APIs, Git and Testing skills.

Chess Coach | Support center for children "SMAIDS"

Sep 2016 – Aug 2022 | 6 yrs

- Coached 2 groups of 20 children and organized local chess tournaments.
- Developed a custom chess learning curriculum that helped students advance in chess titles.

Web Developer | Freelance

Sep 2015 – Aug 2020 | 5 yrs

- Delivered full lifecycle website development: client negotiation, design, implementation, deployment, and configuration.
- Built 15+ landing pages using different Web technologies depending on the client needs: React, WordPress, PHP, and Legacy stack (HTML, CSS, JS, jQuery, Bootstrap, Gulp).

Android Internship | Exigen Services Latvia

Aug 2017 | 1 mo

- Mastered advanced Android development skills, receiving a Junior Android Developer offer, but declined due to 1st-year university studies.

Java Internship | Accenture

Jun 2017 – Jul 2017 | 2 mos

- Completed a 160-hour Software Engineering course (Java and OOP fundamentals) with a 106% completion score, receiving a Junior Java Developer offer, but declined due to 1st-year university studies.

TECHNICAL SKILLS

Languages: Java (RxJava), Python, PL/SQL, Groovy

Frameworks: Spring, Hibernate, Django (Async), Streamlit

Frontend (Legacy): HTML, CSS, JavaScript, jQuery, Bootstrap, Gulp, PHP, WordPress

Frontend (Modern): TypeScript, React, shadcn/ui, Tailwind, SCSS, Zustand, npm

API: REST, JSON, SOAP, XML, GraphQL, JWT, OAuth2

Database: PostgreSQL, Oracle, MS SQL, MongoDB, Elasticsearch, Cassandra, Flyway, Liquibase

CI/CD: Jenkins, Azure DevOps, GitHub Actions, GitLab CI, BitBucket Pipelines

DevOps: Docker, Kubernetes, Rancher, Grafana, Kafka, Zookeeper, Solr, Jaeger, Kibana

Infrastructure: Okta, SailPoint IdentityIQ, Software AG webMethods, Google Apigee

Testing: JUnit, AssertJ, Mockito, Cucumber, Rest Assured, Selenium

IDEs: OpenCode, IntelliJ IDEA, PyCharm, VS Code

Developer Tools: Maven, Gradle, Postman, SoapUI, Swagger, PlantUML, Git

AI: GitHub Copilot (Gemini, OpenAI, Claude), MCP (Model Context Protocol), LangChain, Embeddings (PgVector)

SOFT SKILLS

- **Natural leader and mentor** — led teams of up to 10 simultaneously, ran 1:1s, onboarding, and code reviews; always focused on growing the team's capability, not just delivering tasks.
- **Passionate teacher and knowledge multiplier** — chess coach, IT teacher, and intern mentor; consistently invested in making the people around them better.
- **Continuously learning and improving** — picked up new technologies on the job (webMethods, RxJava, AI/LLM) across insurance, IAM, and AI startup domains; always looked for ways to improve daily workflows before accepting the status quo.
- **Excellent analytical and problem-solving skills** developed from National Math Olympiads and 15+ years of competitive chess.
- **Outstanding time management** demonstrated by parallel full-time work, chess coaching, university studies, online certifications, and maintaining a healthy personal life simultaneously.
- **Strong communication and presentation skills** developed through Erasmus exchange projects, debate tournaments, working with children, and collaborating with clients and colleagues across multiple nationalities.

LANGUAGES

 **Russian:** Native or bilingual proficiency

 **English:** Professional working proficiency

 **Latvian:** Professional working proficiency

 **German:** Elementary proficiency

COURSES & CERTIFICATIONS

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| • Microsoft Certified: Azure Fundamentals  | <i>Apr 2021</i> |
| • Oracle Certified Associate, Java SE 8 Programmer  | <i>Mar 2021</i> |
| • API Academy: API Security Architect  | <i>Mar 2021</i> |
| • freeCodeCamp: Responsive Web Design  | <i>Jul 2019</i> |
| • M101J: MongoDB for Java Developers  | <i>Sep 2018</i> |