

KIRIL PETROV

Senior Java Engineer

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SUMMARY

Dynamic and innovative Java Engineer with nearly a decade of experience in developing robust, scalable, and high-performance software solutions for high-volume businesses. Adept at enhancing code efficiency, optimizing system performance, and improving customer engagement.

Proven expertise in backend architecture, Java, Spring Boot, Microservices, and cloud-based solutions, with experience leading teams and shaping the core architecture of large-scale projects. A results-driven professional who thrives in high-pressure environments, values teamwork, and takes ownership of delivering top-tier software solutions.

EXPERIENCE

Senior Java Engineer

Digital Ventures/Sportal365

09/2023 - Present Sofia, Bulgaria

Company Description

- Develops scalable microservices applications using Java 17 and Spring Boot, designing RESTful APIs to ensure seamless service communication.
- Utilizes Docker for containerization and Kubernetes for orchestration, ensuring robust application operations and efficient scaling.
- Deploys and manages applications on Google Cloud Platform (GCP) for enhanced availability, reliability, and performance.
- Implements efficient database solutions with PostgreSQL and MongoDB, ensuring optimized data storage and retrieval. Leverages RabbitMQ to facilitate real-time messaging and event-driven workflows.
- Plays a key role in backend system design and architecture, ensuring scalability, maintainability, and performance by conducting thorough design reviews, documenting best practices, and mentoring team members.
- Led the development of two major projects:
A large-scale content migration system, enabling bulk transfer of content from one project to another while ensuring data integrity and minimal downtime.
An AI-powered content generation pipeline, automating article creation through natural language processing, template-based processing, and seamless integration with large language models (LLMs).

Java Lead

Tarya FinTech

10/2021 - 09/2023 Location

Company Description

- Built, maintained, enhanced and scaled infrastructure for a growing web-app.
- Worked on and supported automated builds, deployments, validations & configurations.
- Worked with COO to understand needed workflows & implemented best solutions

EDUCATION

IT Talents

School or University

2016 - 2016

Information Technologies

New Bulgarian University

2013 - Present

LANGUAGES

English

Proficient



French

Intermediate



SKILLS

Java MySQL Postgres

Spring/Spring boot REST

Hibernate JavaScript

Microservices Architecture

API Design & Integration

RabbitMQ/Kafka Kubernetes

Docker Bitbucket Jira

CI/CD (Jenkins) MongoDB

JUnit, Mockito Elasticsearch

Agile/Scrum

Performance Optimization

LLM integrations

EXPERIENCE

Senior Java Engineer

Scalefocus

09/2018 - 10/2021 Location

Company Description

- **Acquired by ScaleFocus** following my tenure at Upnetix, continuing contributions in backend development and infrastructure scaling.
- **Integrated APIs** to ensure seamless communication between services and external systems.
- **Optimized and scaled backend infrastructure**, improving system performance and reliability.
- **Owned production alerts and incident resolution**, ensuring high availability and swift issue resolution.
- **Led a team** on an outsourced project, overseeing development efforts and ensuring successful delivery.

Java Engineer

Upnetix

04/2016 - 09/2018 Location

Company Description

- **Promoted from Junior to Mid-Level Engineer** within **six months**—six months ahead of schedule—due to strong performance and contributions.
- **Developed and maintained web services** supporting customer-facing applications, ensuring seamless functionality.
- **Collaborated within an agile team**, prioritizing and scoping feature requests to maximize impact and align with business goals.
- **Implemented extensive test coverage** for new features, significantly reducing customer complaints and improving software reliability.
- **Ensured software met client requirements** through rigorous validation and feedback loops.
- **Performed maintenance and optimizations** on existing applications, enhancing performance and stability.

System Administrator

Opencode Systems

01/2015 - 08/2015 Location

Company Description

- Worked at a global provider of **telecommunication software**, ensuring smooth system operations.
- **Managed and maintained Linux-based systems**, optimizing performance and security.
- Provided **technical support and troubleshooting** for infrastructure-related issues.