

# Kiril Pichugin

Java/Kotlin Software Engineer

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## SUMMARY

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Software Engineer with 5 years of hands-on experience in distributed web enterprise projects, with a strong Java and SQL background. Skilled in Spring, Hibernate and full-stack website development. Proficient in ELK stack, Jenkins, Docker and Kubernetes. Demonstrated leadership in team training and process enhancement. Experienced in utilizing various testing frameworks such as JUnit and Mockito, ensuring functionality and stability of software applications. My expertise includes developing new features, maintaining and updating existing projects, sustaining development environments and delivery pipelines. Based on my Java knowledge, I'm switching towards Kotlin and therefore seeking a position of Kotlin software developer with a strong emphasis on microservice architecture and cloud technologies.

## TECHNICAL SKILLS

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**Languages:** Java, Kotlin, SQL, JavaScript

**Frameworks:** Spring, Hibernate

**Databases:** PostgreSQL, MongoDB, Redis

**Testing Frameworks:** JUnit, Mockito

**Developer Tools:** Git, Jira, Jenkins, Maven, Gradle, Docker, Kubernetes, Kibana, Logstash, Elasticsearch, Openshift, Kafka, Prometheus

## EXPERIENCE

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### Software Engineer

Feb. 2021 – Jun. 2022

*Five9 Inc. Distributed VoIP solution in Java and C*

- Investigated and fixed memory leaks by tracking stuck call channels and dropped events using Elasticsearch, Logstash, and Kibana stack to track execution flow failures, therefore increasing server nodes uptime by 30%
- Ensured consistency and stability of server nodes in case of system failures by performing Java and C code analysis and testing in more than 60 failover scenarios
- Increased project's unit test coverage by 20% by implementing tests for the controller and database layers of the application, establishing consistency in future code changes
- Enhanced database cleanup Bash scripts by implementing multithreaded execution, improving their run time by 50%, which accelerated server node's restart time
- As the owner of the developer testing environment, decreased its downtime more than twice by improving maintenance procedures and creating corresponding documentation

### Full-Stack Developer/Customer Support Engineer

Mar 2018 - Jan 2021

*Netcracker Technology Liferay Portal built in Java and JavaScript*

- Supported major website release with more than 500 thousand visitors per month during 4 months business trip onsite
- Implemented OpenID authentication and Identity Provider integration with Liferay Portal
- Provided mapping for new category of products in catalog model by introducing new APIs and SQL queries
- Improved performance for bulk multithreaded objects loading by optimizing object batches and removing unnecessary procedures, which improved product catalog mapping duration from 30 to 15 minutes
- Coached a new support team of 7 people on the project in two weeks
- Fixed cache versioning issue, removing necessity to restart server to apply changes to catalog, saving 20 minutes spent on maintenance during backend updates and installations

## EDUCATION

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### Volga State University of Water Transport

Nizhny Novgorod, Russia

*Specialist's Degree, Technical Maintenance and Exploitation of RadioElectronic Equipment*