

Vadim Kochengin
Senior Software Engineer

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Summary

- Software Development professional with over 10 years of experience in designing and building complex, high performance, low latency, multithreaded client-server applications design, development, testing, and maintenance.
- Experts in Back-End Technologies include Java(Google Guice, Spring boot, Hibernate, JUnit4-5), Kotlin, Python, C++, C, MySQL, MSSQL, Postgres, Spanner, Apache Kafka.
- Solid Front-End development experience with JavaScript, TypeScript (Angular, AJAX, jQuery), JSON, HTML5, CSS3.
- Extensive experience with multiple development environments (GitHub, Jenkins, Docker, IntelliJ idea, Thunder client).
- GCP, AWS
- Proficiency in Shell Scripting for Linux platform as well as systems administration.
- Skilled in utilizing both Agile (Scrum) and Waterfall methodologies.

Work Experience

March 2023 – Present - Senior Software Engineer (remote), Capital One, San Francisco, CA

Projects:

- Iterative application portal (Java, MSSQL, Angular)
 - Back-end Microservice/services architecture project (making business decisions based on data from multiple external/internal sources)
 - Replace legacy services to update technology stack and remediating compliance issues
 - Refactoring/update several services
- Microservices implementation (Java, Kotlin, Kafka, MSSQL, PostgreSQL)
- AWS - Fargate, Lambda, EC2, etc.
- Supporting legacy services
 - Bug fixes
 - Feature implementation
 - Iterative application portal migration

Tasks performed:

- End points/services designing and implementation (collecting data from external and internal services and databases based on an external request, modifying data according to business logic, generating a response and storing data in the database)
- Common libraries implementation (spring boot WebClient logging retry and filtering and error handling)
- Reviewing standards and implementation of error handling (internal and external error cases, parameter validation)
- Integration testing implementation (test environment, mock scenarios)
- launch and support of services, on call duty (primary/secondary role) clients complain and errors investigation and fixing.
- Mentoring teammates (task setting, assistance in implementing tasks)

2018 – March 2023 - Senior Software Engineer, Epam, at Google, San Jose, CA

Projects:

- Intranet for a complex internal high load web site to export and publish reports (Google Cloud platform - App Engine, Java, MySQL/CloudSQL, Spanner, BigQuery, Memcache, AngularJS).
- Data pipelines, replicators, multilayer app. (Borg, Java, Spanner, GoogleSQL).
- Intranet for a internal web Raffle site, backend (Java, SpringBoot, MongoDB, Docker)

Tasks performed:

- Designed, developed and coded new modules for web(Google Cloud) applications (most of all back-end on Java).
- Improved performance of high load web applications.
- Web application maintenance - new features implemented, bugs fixed.
- CI/CD - implemented e2e, smoke, integration tests, adjusted environment, created workflow.
- Migrated code to new versions of programming languages (from Python 2 to Python 3, replacing outdated libraries, updating the code, implementing database data converter to use the new encryption library). Go Lang - updating the code to switch to a new version.
- Maintenance MySQL DB - Implemented Tables, Stored Procedures, triggers.
- Got Java readability.

2005 – 2017 - Senior Software Engineer, Aurora Web, Saint-Petersburg, Russia

Tasks performed:

- Collected business requirements, designed, developed and maintained numerous applications (Linux, Python, Gnu C++) for internal and external clients.
- Designed, developed and coded a web application (PHP, javascript, AJAX, jQuery).
- Designed and developed database schema, Tables, Views, Stored Procedures, triggers. (MySQL 5.5-5.6).

Education

Baltic State Technical University (Saint-Petersburg, Russia), MS in Electronic and Computer Engineering