
Andrey

Summary

I have 10+ years of experience in diverse software development roles, with a deep understanding of engineering best practices. I'm passionate about producing clean, maintainable code, and have a proven track record of delivering high-quality work on time. I'm highly organized, detail-oriented, and a strong team player, always eager to learn and take on new challenges in fast-paced environments.

Key skills

General skills

Critical and analytical thinking
Open-mindedness and receptiveness to others' ideas and opinions
Lateral, innovative, and abstract thinking
Effective time management
Inventive problem-solving skills to meet business needs
Commitment to active learning and continuous self-improvement
Strong organizational and planning skills
Exemplary work ethic
Ability to work both autonomously and collaboratively as a team member

IT skills

Java (JDBC, JPA, JSP, Hibernate, Maven);
Spring;
Angular2, TypeScript, Material UI, React;
Python, C++, Go;
AWS (ES2, S3, SQS, Lambda, CloudWatch, Elastic Search, DynamoDB, RDS, IAM, VPC, CloudFormation, SAM);
JUnit, JMock;
REST, JSON, JSON Schema, GeoJSON;
Intellij IDEA, PyCharm, CLion, Eclipse, VSC;
HTML, CSS, SQL (MySQL, PostgreSQL, MariaDB, Liqubase), JavaScript (NPM, AJAX, JQuery), Bootstrap;
Git, BitBucket;
Docker, Jenkins;
Linux (Ubuntu, Oracle Virtual Box);
API integration, Agile methodologies, Design patterns, regression, unit, load testing;

Employment History

- **Position:** Software Engineer
Company: Compare the Market, Brisbane, Australia

From 2021

Responsibilities

- Software development (full stack) using various tools and languages like Java, C#, Go, Selenium, Spring, MariaDB, Svelte, JS, React, Redux, Saga, Svelte, Flutter, GitHub, Docker, Kubernetes, Bamboo, Jira, Confluence, Azure, Splunk, Newrelic, AWS tools like Lambda, CloudWatch, CloudFormation, KMS, EC2, etc.
 - Software documentation and auto-tests development;
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- Leading the health insurance IT development for about a year: task management, weekly releases, planning, etc.
 - Engaging across various delivery teams, including the core team;
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➤ **Position:** Senior Software Developer
Brisbane, Australia

2021, casual now

Responsibilities

- Developed the backend for drone flight operations, fleet, and compliance management system using Java, Spring Boot, Hibernate, Liquibase, MariaDB, Bitbucket, and GeoJSON, among other tools.
 - Built and maintained a flight planning module to verify compliance with CASA rules, considering coordinates, times, RPA models, NOTAM, and various parameters from geo APIs.
 - Preprocessed geospatial data using Python.
 - Troubleshoot and improved a DJI flight logs parsing service (C++, Ubuntu) and developed unit tests.
 - Third party platform app development and integration: Node.js, GraphQL;
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➤ **Position:** Software Developer
Brisbane, Australia

2019 –2021

Responsibilities

- Developed both the backend and frontend for mining projects evaluation, stock data search, and analysis using Java, Spring Boot, Hibernate, PostgreSQL, Angular2, Node.js, Bitbucket, Git, and Jenkins, among other tools.
 - Deployed and maintained AWS stack (Cloud Formation, Dynamo, Lambda, Elastic Search, etc.).
 - Developed and performed unit, regression, and smoke testing.
 - Integrated stock data provider APIs into the system.
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➤ **Position:** Full Stack Java Developer
Sydney, Australia

2018 –2019

Responsibilities

- Developed web applications and REST APIs using Java, Spring, Hibernate, MySQL, HTML, CSS, Bootstrap, JSP, JavaScript (jQuery, AJAX), following a continuous development strategy and agile methodology.
 - Deployed and supported AWS stack (EC2, Elastic Beanstalk, Lambda, CloudWatch, SQS, RDS, S3, DynamoDB).
 - Developed and performed unit, regression, and smoke testing, and developed automated tests (JUnit, Selenium).
 - Provided customer support via email for one of the major clients and resolved issues for the operational team of other customers.
 - Developed documentation and user guides.
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➤ **Position:** Engineer
Kazan, Russia

2014 – 2017

Responsibilities

- Developed multiple web applications for automation of geotechnical calculations using Java, Spring Framework, Hibernate, and MySQL.
- Worked in an agile team following 2-week sprints and analyzed feedback from the product manager.
- Developed algorithms for data analysis using tools such as Jama and Apache Commons Math.
- Used Spring Core annotations for dependency injection, and Spring MVC, Security, and Boot for application development.
- Created JSPs using HTML, CSS, Bootstrap, and JavaScript (including JQuery, AJAX, and plotly)
- Managed version control using Git.
- Maintained high levels of unit test coverage through Test-Driven Development using Junit and jMock
- Developed logging using Spring AOP and AspectJ.
- Administered MySQL databases and Linux servers.

➤ **Position:** Engineer
Company: Kazan Federal University, Kazan, Russia

2010 – 2017

Responsibilities

- Developed software (Java, C++, HTML, JSP, JS, CSS, SQL) for data analysis, APCS, and physical modeling using JavaFX, Swing, Jama, Apache Commons Math, and Matlab Servers.
- Developed JSPs using HTML, CSS, Bootstrap, JavaScript (JQuery, AJAX) for web application development.
- Managed project development, including tender documentation preparation, project planning and monitoring, customer communication, and report preparation and presentation.
- Investigated the synthesis of emulsion for medical X-ray, air, and aerospace photographic films, and developed the APCS software to realize the process.
- Interfaced different modules in one network and performed pre-installation testing of each device. Assembled all the modules into the whole.
- Performed test synthesis with adjusting the equipment and software. Provided post-production customer support.

Education

Master's Degree in Physics, Kazan State University. Cum Laude.

Bachelor's Degree in Radio Physics, Kazan State University. Cum Laude.
