Vitold Radkevich

Software Engineer (Java Developer | AWS certified)

6 years 2 months of experience

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- AWS certified
- Backend: Java, Spring (Core, Boot, MVC, Data, Security, Cloud)
- Databases: PostgreSQL, MySQL, MongoDB, MsSQL, Hibernate
- Cloud: AWS (EC2, Beanstalk, Lightsail, ASG, ELB, VPC, RDS, S3, SNS, SQS, Aurora, CloudFront, IAM, CloudWatch, CloudFormation, API Gateway, Route53, Certificate Manager, Lambda, DynamoDB), Azure
- Testing: JUnit, Mockito
- Software Architectures & DevOps: REST, deploying infrastructure in AWS, Microservices (message queuing, API gateway, service discovery, load balancing, centralized configurations, tracing and logging, containerization), RabbitMQ, Kafka, Docker, Kubernetes (K8s), Docker Compose, CI/CD (Jenkins)
- Version control: GitHub, Bitbucket, GitLab
- Car expert
- English - B2
- Polish - B2

Work experience

➢ EffectiveSoft
Java Software Developer
5 Apr 2022–up to present (2,4 years)

➢ VironIT
Java Web Developer
25 Nov 2019–20 Feb 2022 (2,4 years)

➢ JSC Bank
Software Engineer
10 Jun 2018–30 Sep 2019 (1,4 year)

Education

➢ Belarusian State University
Bachelor's degree, Management information resources
September 2015 - June 2019

Certificates

- Upper Intermediate English
- EF Standard English Test (EF SET) EF SET English Certificate 57/100 (B2 Upper Intermediate)
- AWS Certified Cloud Practitioner
- AWS Parther: Accreditation (Technical)
- Apache Kafka Series - KSQL on ksqlDB for Stream Processing!
- AWS Architecting Serverless Solutions
- Stepik Linux

Commercial projects

Project #8: Platform for purchase flowers

Roles: Back-end developer

Technologies: Spring, Microservices, Hibernate, Git, JUnit, MongoDb, DynamoDb, MySQL, Stripe, AWS, Docker

Project description: This project is centered on creating an online platform catering to corporate clients globally, facilitating the seamless purchase of flowers. Situated in the United Arab Emirates, the platform aims to provide a convenient and efficient solution for businesses worldwide to access and acquire floral arrangements for various corporate needs

Team size:
9 members (7 programmers, tech lead, 1 project manager)
Duration: 4 months

Responsibilities:
- Designed and developed a module for integrating with the Odoo system using microservices architecture
- Built and maintained microservices with Java
- Configured and managed MongoDB with AWS MongoDB Atlas
- Integrated AWS SQS for messaging and AWS SNS for notifications
- Developed RESTful APIs
- Tested and debugged the integration module
- Coordinated with cross-functional teams for deployment

Project #7: Project for assess business risks (from scratch)

Roles: Back-end developer/Tech Lead/DevOps

Technologies: Spring, Hibernate, Git, JUnit, MySQL, MailJet, Stripe, AWS, Google API, JasperReports, GoDaddy

Project description: This project aims to assess business risk and Business Interruption Value (BIV) by incorporating key business parameters. Utilizing the NAICS code, the system employs specific calculation logic and formulas to generate comprehensive reports, offering valuable insights into risk evaluation for businesses

Team size:
6 members (3 programmers, 1 qa, 1 project manager, 1 ba)
Duration: 12 months

Responsibilities:
- Designed and developed a comprehensive project from scratch, including detailed UML diagrams and database schemas to outline the system's structure and data flow.
- Created and implemented APIs for calculating business parameters, including processing large Excel datasets with over 140,000 records and efficiently storing data in the database.
- Set up and configured AWS services including EC2, ASG, ELB, S3, Route 53, CloudFront, Beanstalk, VPC, and RDS for full project deployment and management.
- Oversaw the setup, maintenance, and support of test and production environments to ensure reliable deployment and operation of the application.
- Led technical discussions and decisions, guiding the development team through architectural and operational challenges.
- Collaborated with developers, QA engineers, and other stakeholders to align on project goals and deliverables.
- Monitored system performance, making necessary adjustments to optimize reliability and efficiency.

Project #6: Cleaning platform (from scratch)

Roles: Back-end developer/DevOps

Technologies: Spring MVC, Spring, JPA, Hibernate, Git, JUnit, MySQL, MailJet, Gradle, Google API, JasperReports, Zapier API, Ionos, Tomcat

Project description: The project is a comprehensive platform designed to streamline the process of finding and managing cleaning services for flats/houses in England. Users, both cleaners, and clients, can seamlessly connect through the platform, facilitating the creation and management of cleaning jobs. The system incorporates a franchise model, allowing for scalability and regional expansion. An intuitive admin panel provides centralized control, ensuring efficient oversight and management of the entire operation. Additionally, the implementation of mail notifications enhances communication, keeping users informed and engaged throughout the cleaning service process

Team size:
6 members (4 programmers, 1 qa, 1 project manager)
Duration: 12 months

Responsibilities:
- Rewrote the project from scratch, focusing on designing the new architecture and hosting it, transitioning from the old system that used Spring MVC with an embedded React app to a separate Spring REST API and a standalone React front end.
- Designed and implemented a new architecture, ensuring clear separation between the backend API and the frontend application to improve maintainability and scalability.
- Managed the hosting and deployment of the application, including setting up and configuring servers and environments to ensure stable and reliable operation.
- Oversaw the setup, maintenance, and support of test and production environments, ensuring that the application runs smoothly in both environments and handling any issues that arise.

- Collaborated with frontend developers to ensure seamless integration between the backend API and the frontend application, providing technical support and resolving integration issues.
- Provided technical leadership and guidance throughout the project, ensuring adherence to best practices and supporting the development team in achieving project goals.

Project #5: Security in bank

Roles: Back-end developer

Technologies: Kotlin, Spring, JPA, Hibernate, Rabbit MQ, BitBucket, JUnit, MySQL, Microservices, Jenkins, Sonar

Project description: This project focuses on verifying PKCS#12 certificates for all users and managing access to various systems. The goal is to ensure secure access and system integrity by validating key certificates. The project involved developing a robust backend system to support these functionalities, utilizing modern technologies to ensure reliability and scalability.

Team size:
15 members (10 programmers, 2 qa, 1 ba, tech lead, project manager)
Duration: 6 months

Responsibilities:
- Provided ongoing project support: Addressed and resolved bugs and issues throughout the development and deployment phases, ensuring smooth operation and minimal disruption.
- Implemented new functionalities: Developed and integrated new features to enhance the system's capabilities and meet evolving requirements, improving overall performance and user satisfaction.
- Ensured comprehensive module test coverage: Utilized JUnit to write and execute unit tests, ensuring that all modules are thoroughly tested and reliable before deployment.
- Maintained high code quality: Adhered to best practices in coding, conducted regular code reviews, and used Sonar to monitor and improve code quality.

Project #4: European transportation hub

Roles: Full stack developer

Technologies: Spring, JPA, Hibernate, Rabbit MQ, Git, JUnit, MsSQL, Microservices, Jenkins, AWS, GraphQL, React

Project description: The Freight Hub in Estonia is a cutting-edge project designed to enhance international cargo transportation. This initiative optimizes logistics, reduces transit times, and promotes efficient connectivity, contributing to a streamlined and robust global supply chain

Team size:

12 members (8 programmers, 1 qa, 2 ba, project manager)

Duration: 4 months

Responsibilities:

- Developed parcel delivery module by designing and implementing a feature for parcel management with AliExpress integration
- Configured system connections and managed component connections for seamless integration
- Architected system by designing and optimizing architecture for performance and scalability
- Create new microservice using Spring, JPA, and Hibernate to build and deploy services
- Fixed front-end bugs in the React-based user interface
- Conducted unit testing with JUnit to ensure functionality
- Automated CI/CD processes with Jenkins for build, test, and deployment

Project #3: Social aggregator for condominium

Roles: Back-end developer/DevOps

Technologies: Spring, JPA, Hibernate, AWS, Git, JUnit, MySQL, JWT, Stripe, MailJet

Project description: The social aggregator project for condominiums in Dania integrates chats, posts, events, and essential services like cleaning and delivery. It aims to enhance community communication and convenience, providing residents with a unified platform for connecting and accessing necessary services

Team size:
6 members (4 programmers, project manager, qa)
Duration: 6 months

Responsibilities:

- Migrated project to new AWS infrastructure with DevOps support
- Supported backend development and integrated new functionality
- Enhanced mobile apps and web admin panel
- Managed and supported test and production environments
- Wrote and executed tests to ensure functionality
- Fixed bugs and resolved issues
- Responsible for system and database updates

Project #2: Crypto exchanger

Roles: Back-end developer

Technologies: Spring, Hibernate, Docker, Git, JUnit, PostgreSQL, JWT, Stripe, AWS

Project description: The project involves building a secure cryptocurrency wallet risk assessment system and a versatile crypto exchange platform. The goal is to provide users with a safe environment for managing digital assets and facilitating transactions, fostering the adoption of cryptocurrencies in the financial landscape

Team size:

6 members (4 programmers, project manager, qa)
Duration: 4 months

Responsibilities:
- Integrated with Risk API for secure cryptocurrency transactions
- Utilized AWS services to support and enhance the project
- Added new functionality to the system
- Maintained and supported the project, ensuring reliability and performance

Project #1: Transportation in bank

Roles: Back-end developer

Technologies: Spring, JPA, Hibernate, Git, JUnit, MySQL, Jenkins, Sonar, OracleDB

The project focuses on optimizing the internal transportation of documents within a bank's offices. This initiative aims to enhance efficiency, reduce delays, and promote a seamless workflow in handling crucial materials between different departments

Project description:

Team size:
10 members (6 programmers, 1 qa, 2 ba, project manager)
Duration: 8 months

Responsibilities:
- Migrated the system to a new database
- Rewrote modules to support new business logic
- Developed and executed tests using JUnit
- Provided technical support and troubleshooting
- Installed and configured software on employees' computers
- Delivered technical support for software issues