

# Sergey Ivaschuck



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Get in touch



## Profile

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Seasoned software engineer with a passion for developing innovative software, testing and streamlining automated software delivery processes. Highly experienced in all aspects of the software development lifecycle, from requirements gathering through to development and delivery. Skilled in problem solving and executing tasks from start to finish. Able to effectively self-manage during independent tasks, as well as collaborate in a team setting.

## Work Experience

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### Senior Software Engineer

2021 – present | Bristol

*Gresham Technologies*

- Led the migration of backend data access and business logic from MongoDB to PostgreSQL, including query optimization and application-layer changes.
- Led migration of legacy architecture to microservices.
- Championed Kotlin adoption for microservice architecture, establishing it as the preferred language moving forward, resulting in improved code quality, consistency, and team proficiency.
- Mitigated security vulnerabilities in our legacy and microservices-based products.
- Assisted developers and support staff in resolving key customer issues.
- Migrated and streamlined CI/CD pipelines from Jenkins to CircleCI.
- Mentored and lead junior developers.

### Software Engineer

2013 – 2021 | Bristol

*Gresham Technologies*

- Conducted candidate interviews and contributed to the selection process to ensure top talent alignment with organizational goals.
- Worked on our core product's initial AWS deployment, which evolved into our company's official SaaS product offerings.
- Trained Professional Services staff on how to configure and deploy our core product.
- Contributed to customer acquisition efforts by crafting targeted solutions and delivering impactful demonstrations that addressed unique challenges.

### Graduate Software Engineer

2011 – 2013 | Bristol

*Gresham Technologies*

- Worked through the identification and resolution of technology issues.
- Improved software and delivered products under tight time constraints.
- Problem solved with various stakeholders.

## Education

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**Computer Science MEng**  
*University of Bristol*

2007 – 2011 | Bristol

**St Boniface's Catholic College**

2001 – 2007 | Plymouth

## Coding Skills

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Kotlin • Java • Groovy • JavaScript • Bash Scripting • HTML & CSS •  
PostgreSQL • MongoDB • MySQL • GraphQL • REST API • Kafka

## Practices & Testing

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Kotest • JUnit • Spock • JBehave • BDD & TDD • Automated Testing •  
Continuous Integration • DevOps

## Tools & Frameworks

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Docker • Docker Compose • NGINX • Spring • Spring Boot • Maven •  
CircleCI • Jenkins • Trivy • Amazon ECR • Sonatype Nexus •  
Sonatype NexusIQ • Git • GitHub • IntelliJ • VS Code • Jira • Confluence •  
Swagger • Insomnia

## Languages

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English • Ukrainian