

# GEORGI MITREV

## ABOUT ME

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I am a passionate and pragmatic developer with a lot of experience building and maintaining large web applications. My preference is the backend and infrastructure but I don't shy away from frontend as well.

## SKILLS

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Web: Ruby, Ruby on Rails, React, Svelte, GraphQL, TailwindCSS

Interested in: Rust, Go, Elixir

Tools: PostgreSQL, Sidekiq, Redis, Unix tools, Git

Infrastructure: Docker, Kubernetes, AWS, Heroku

Languages: English, German, Bulgarian

## WORK EXPERIENCE

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### Software Engineer at Checkout-X

2020 – 2023

- Implemented a state-of-the-art checkout system for online shops using Shopify and WooCommerce built on React and GraphQL.
- Worked on a Shopify app that provides post-purchase upsells to shops. Built with React and Rails and backed by a GraphQL API.
- Created a product recommendation ML engine built on AWS Personalize that can suggest appropriate product upsells based on customers orders.
- Built the logging infrastructure for all company applications backed by ELK and using logstash to ingest data from multiple sources.
- Improved the CI and CD pipelines in Heroku to decrease build times and make the process more streamlined and less error-prone.

### Software Engineer at Receipt Bank

2015 – 2019

- Developed a background job library that can use a multitude of adapters for performing jobs and also provides a lot of additional features on top of the libraries.
- Responsible for the monitoring and scaling of the Sidekiq background job servers as well as guiding other developers on how to create maintainable and scalable jobs.
- Lead the migration of the main monolithic application from EC2 machines to a Kubernetes cluster.
- Developed an internal service that allows every developer to provision their own isolated copy of the entire infrastructure for testing purposes. Built on Kubernetes.

- Responsible for instrumenting the main Rails application as well as for finding and fixing performance issues.

Software Engineer at IST Technologies 2011 – 2015

- Worked on the back- and front-end of a big monolithic Rails application for managing insurance policies.
- Refactored said monolithic application into a number of smaller interconnected microservices.
- Built the infrastructure for testing and deploying of said microservices.
- Integrated more than 15 external web services, both SOAP- and REST-based.
- Monitored and improved the performance of the entire stack.

Freelance Web Developer 2010 – 2011

- Worked on the back-end of an online ticket selling system.
- Co-developed a CRM for a travel agency.

## EDUCATION

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Technical University Sofia 2009–2015

- B.S.: Computer Science (German)

## INTERESTS

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I love working on side projects that enhance my life and help me make it easier. I tend to measure everything in my life so I've created applications for tracking my weight, weight-lifting stats, budget, investments and even the visual progress of my body while being on a diet. I also spend a lot of time reflecting on my productivity and attempting to improve it.

When not working, I like to read books, lurk the Internet and play videogames. I also enjoy mountain biking and skiing when the weather allows it.