Oliwia Zaremba

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Work experience

Zalando SE   *Berlin, Germany*
Software Engineer   *May 2018 - Present*

- Designed and delivered a scalable platform for executing end-to-end load tests, capable of generating 130k requests per second, with the operational cost 10x cheaper compared to the solution from previous year (Python, Kubernetes, AWS, Locust)
- Coordinated the execution of end-to-end load tests for Zalando's Fashion Store, enabling delivery teams to discover performance bottlenecks and scale their components efficiently for Black Friday 2018
- Contributed to Zalando's own Continuous Delivery Platform (CDP)
- Delivered and maintained load testing and code quality tools integrations in CDP
- Introduced an Agile process and Ways of Working rules in a team (Scrum, Pair Programming)
- Contributed to a central system for sending weekly cloud cost reports to all teams and cost center owners, helping them to track the costs of running their applications (Python, AWS)
- Supported many delivery teams in the following areas: load testing, code quality, Continuous Delivery, solving their issues and providing best practices

FANDOM   *Poznań, Poland*
Quality Management Engineer   *December 2016 - April 2018*

- Designed and implemented delivery pipeline for new project (Jenkins with Jenkins Job Builder, Groovy, K8s)
- Implemented "Canary release" process for microservices, which contributed to faster and more reliable delivery of new features (Prometheus, Kubernetes)
- Implemented new features in backend services (Java, Spring)
- Delivered a "Flaky test detector" (hackathon project, a microservice in Java)
- Improved the testing infrastructure and decreased tests execution time by 80%
- Maintained and added new automated functional tests (Selenium, Java, TestNG), API tests (Python, pytest)
- Set up automated tests framework for a new project from scratch (JavaScript with Webdriver.IO and mocha.js) and enabled it with Continuous Integration

Egnyte   *Poznań, Poland*
Quality Assurance Engineer   *July 2014 - November 2016*

- Created a testing architecture from scratch: added first automated tests (JavaScript, nightwatch.js, Selenium), configured it on Continuous Integration system for two different cloud-based products
- Designed and implemented a Continuous Delivery pipeline (Jenkins, bash, Python, Kubernetes) for a complex services-oriented product
- Automated functional (Python, pytest), integration and API tests (HTTP, REST APIs, MySQL), and lead developers team to participate in it
- Performed regression testing per release: created, managed and reported results of test cycles
- Provisioned and configured environment on virtual machines (VirtualBox, VMware ESXi, Hyper-V) for regression testing of on-premise storage service

Advox Studio   *Poznań, Poland*
Software Tester   *April 2014 - July 2014*

- Planned and performed manual tests on various web applications based on business requirements

Education

Poznań University of Technology   *Poznań, Poland*
B.Sc. in Computer Science   *2012 - 2016*

- B.Sc. thesis: *Dynamic server repository with auto-discovery*
- President (2013-2014) and member (2012-2013) of *Computer Networks and Distributed Systems Students Research Group*

Other

- Organizer of the biggest Open Source enthusiasts conference in Poland (*X Poznańska Impreza Wolnego Oprogramowania*, May 2014)
- Speaker at *Poznan Testing and Quality Group*: PTAQ XXVI (October 2015)
- Speaker at *Berlin Selenium Meetup* (May 2018)
- Active maintainer of an open source project: [Transformer](#)
- Author of [a blog post on Zalando's Tech Blog](#)