

Alexandru Pascan

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Skills

- **Languages:** Go, Python, TypeScript, JavaScript, Java, Kotlin, Groovy, bash
- **Frameworks:** Playwright, Terraform, Locust, CucumberJS, Selenium, Behave
- **Technologies:** Kubernetes, AWS (Lambda, ECR), Kafka, Protobuf, Flux, GitHub Actions, docker
- **Tooling:** Helm, GitOps, Jenkins, Xray, Pact, TestRail, Datadog, New Relic

Experience

Software Engineer in Test / Tech Lead, Nexthink – Lausanne, Switzerland Sept 2019 – Present

- Leading the Enablement team's technical initiatives, architecting and delivering infrastructure improvements across QA organization including GitOps adoption, CI/CD pipelines, and test automation platforms.
- Architected and developed microservices in Go including xray-jira-service for automated test reporting from Kubernetes helm test jobs, and AWS Lambda functions for GitHub checks validating Pact contracts, helm tests, and Xray reporting.
- Established GitOps repository for QA group using Helm charts with Flux, standardizing deployment practices and enabling infrastructure-as-code across teams.
- Implemented comprehensive GitHub Actions workflows organization-wide, replacing Jenkins pipelines and integrating Jira pass-through automation for improved developer experience.
- Led performance testing infrastructure overhaul with distributed Locust tests via Kubernetes operator, optimizing system reliability and response times.
- Modernized E2E framework in CucumberJS TypeScript with Playwright, enabling frontend developers to contribute to testing initiatives and improving test maintainability.
- Developed Python automation framework using Behave covering integration (REST API, Kafka, Protobuf validation) and UI tests, with automated deployment workflows and reporting to TestRail and Datadog.

Quality Assurance Engineer, R3PI – Zurich, Switzerland Jul 2017 – Aug 2019

- Created company-wide Android Espresso and iOS XCTest automation frameworks, reducing regression testing time and improving test consistency across all mobile applications.
- Expanded Java Cucumber API automation suite with Rest-Assured, improving API test coverage and reliability across Claims and backend systems.
- Provided comprehensive testing support for Agile teams across iOS, Android, API, and backend platforms, ensuring thorough defect identification and resolution.

QA Engineer, MIND CTI – Suceava, Romania Jul 2015 – Jul 2017

- Developed test automation for J2SE telecom applications including POS, CSR, and resource management modules, improving application stability and user experience.
- Created SOAP API test suites and Selenium regression frameworks, automating validation processes and maintaining release quality.
- Contributed to Agile rework of POS system, collaborating with cross-functional teams to enhance features and system efficiency.

Education

- **"Stefan cel Mare" University** – BS In Informatics in Economy Apr 2016