Gabriel Diegel

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Peru

Born: December 20,1982—Backnang, Germany
Nationality: German

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Current position

QA Engineer, Tekton Labs, Lima, Peru

Skills

Programming languages

Java, Groovy, Kotlin, Python, C#, Javascript

Technologies

Spring Boot, Docker, JUnit5 (Contributer), Selenium Webdriver, Protractor, Maven, Git, GitlabCI, Jenkins, GoCD, Ansible, Kubernetes

Experience

2019-current **QA Engineer** Tekton Labs, Lima, Peru

2018-2019 **Senior Test Engineer** 1&1 Internet SE, Karlsruhe, Germany
- Developed modular test strategy and tooling for web–based frontend tests
- Developed and supported strategy and framework for integrating functional acceptance tests into company-wide continuous delivery workflow
- Planned, executed and analysed performance tests for next-gen backend store architecture and Single-Sign-on solution
- Supervised theses of graduate students
- Lead test automation guild

2013-2018 **Test Engineer** 1&1 Internet SE, Karlsruhe, Germany
- Developed acceptance test suites in Java for broad range of backend services using different protocols like HTTP, SMTP, IMAP and POP3
- Developed declarative framework in Java for HTTP–based API tests
- Developed RESTful web service and backend for collecting metrics of deployed software artifacts

2010-2013	**Test Analyst** Atos Worldline GmbH, Frankfurt, Germany

- Analyzed test efforts, Created test plans and supplied test data
- Planned and executed manual acceptance tests, supported user acceptance tests with the customer
- Introduced test automation for functional acceptance tests
- Developed a python tool for test data management extracting data from mainframe database, filtering and automatically loading data sets into Oracle databases
- Analyzed system crashes and supported development team on incidents in production
- Introduced and administrated SVN server for the QA team

2009-2010	**Research Assistant** Fraunhofer IPM, Freiburg, Germany

- Developed a software for an automated particle detection system in Matlab
- Integrated a fast hardware–based data acquisition system

Education

2009	**Dipl.-Ing. (FH)** in Electrical Engineering, Hochschule Karlsruhe, Germany

Thesis title: *"Development of an automated image analysis software for a fluorescence–based data acquisition system for the detection of airborne microorganisms"*

Certifications

- ISTQB Certified Tester: Foundation Level

Languages

- German: Native tongue
- English: Fluent
- Spanish: Proficient

Hobbies

Weightlifting, Writing, Traveling, Cooking

Blog articles

2015	"Take your testing DSL to the next level with custom assertions"
2016	"JUnit5–Feeble screams from forests well known"
2017	"Using neo-problem with a pure Spring Boot service"
2018	"Writing a custom test engine with Kotlin"
2019	"Automated acceptance testing"