

Gabriel Diegel

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Germany

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

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Current position

Senior Test Engineer, 1&1 Internet SE, Karlsruhe, Germany

Skills

Programming languages

Java, Groovy, Kotlin, Python, Javascript

Technologies

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

Experience

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| 2018-current | <p>Senior Test Engineer 1&1 Internet SE, Karlsruhe, Germany</p> <ul style="list-style-type: none">• 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 | <p>Test Engineer 1&1 Internet SE, Karlsruhe, Germany</p> <ul style="list-style-type: none">• 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

Writing, Traveling, Cooking

Blog articles

- 2015 ["Take your testing DSL to the next level with custom assertions"](#)
- 2016 ["JUnit5-Feeble screams from forest well known"](#)
- 2017 ["Using neo-problem with a pure Spring Boot service"](#)
- 2018 ["Writing a custom test engine with Kotlin"](#)