

# Abhinav CHADHA

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Seasoned Test Automation and Quality Assurance Engineer, I have more than 6 years of experience implementing and maintaining robust test automation framework. I am well versed with open source testing tools like Cypress and at the same time I have solid experience in implementing custom test frameworks using Python and Javascript. Along with implementing test pipelines in Jenkins, I have a very good experience in implementing ChatOps solutions for task automation.

Along with leading test automation efforts, I have also lead local and remote teams. Teamwork, solid communication and motivating peers to achieve their goals using OKR methodology formed the basis of my team management strategy. I have worked both part of the the R&D and the Product Management team to improve test strategy. Being part of the Product Management team, I was actively involved in Product Roadmap definition, Project Management and Agile practices.

From being a senior test engineer to now being a consultant, I make sure to implement clear communication paths, enforced emphasis on specifications and being proactive. Along with my domain expertise, I am well versed with Digital Marketing fundamentals and strategies that I use for my personal projects and in my spare time help advise and mentor my friends on their projects.

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## **Delivery Consultant @ ECS Digital, London, United Kingdom** *(December 2019 to Present)*

- Working as a Senior Test Automation Consultant @ Barclays, I am expected to evaluate feasibility of automation and implement the best solution possible.
- Maintaining test automation framework and improving it on a continuous basis.

Skills: Python3, AWS, Shell, Test Reporting, Test Management.

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## **Test Engineering and Release Manager @ ContentSquare, London, United Kingdom - Paris, France** *(January 2019 to November 2019)*

- Lead the Test Engineering team of six engineers who work on different feature teams and liaison with remote teams in Tel Aviv and Kiev.
- Define the strategy for mobile SDK and web app test automation.
- Lead the delivery process along with release automation.

Skills: Python3, Javascript, Selenium, Docker, REST-ful WS, Shell, Team Management, Creation of KPI based roadmap, OKR, Mentoring, Agile.

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## **Senior Software Development Engineer in Test @ ContentSquare, London, United Kingdom - Paris, France** *(June 2018 to December 2018)*

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## **QA Engineer @ ContentSquare, Paris, France** *(January 2018 to June 2018)*

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## **QA Engineer @ Qonto, Paris, France** *(June 2017 to January 2018)*

- Development, management and maintenance of a Slackbot using errbot framework and Python3 to facilitate deployment of production ready code.
- Managing and leading the development process of test automation framework for the web and mobile (iOS and Android) application.
- Maintaining a test database of unit tests, integration tests and acceptance tests for the front-end EmberJS application.

Skills: Ruby, Python3, SlackAPI, Github API, Selenium, Docker, AWS, EmberJS, HTML5, CSS3, JavaScript, REST-ful WS, Shell.

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## **PROFESSIONAL EXPERIENCE**

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### **QA Manager @ Tinyclues, Paris, France (Aug. 2015 to June 2017)**

- Development, maintenance and adaptation of the in-house automated test framework built on Python2.
- Implementation of the BDD process across all development teams.
- Introduction of BDD process in the Project Management team to express technical specifications using Gherkin syntax.
- Implementation of the testing best-practices across the entire R&D.
- Managing the infrastructure team to deploy production ready code using StackStorm.
- Managing and coaching development teams to implement ChatOps methodology to reduce personal intervention on production servers.
- Organisation of new-age QA process and tools across the entire R&D.
- Automation of operation and support scripts for the Operations' team.
- Manual testing of key components if needed.
- Working alongside the Product Management team to manage software release cycle.
- Managing the staging platform and being the single point of contact for GO/NO-GO based decisions for production releases.
- Implementation of performance benchmark tests using LocustIO on API endpoints.

Skills: Python, GoLang, Selenium, Docker, AWS, SaltStack, Ansible, Terraform, StackStorm, Mistral, OpenStack, HTML5, CSS3, JavaScript, REST-ful WS, Shell, GIT, BDD, TDD.

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### **Quality Analyst @ SmartFocus, Clichy-la-Garenne, France (Jun. 2013 to Jul. 2015)**

- Development of in house test automation framework based purely on Python2.
- Study and development of test cases.
- Creation and management of incidents, both production and development.
- Carrying out manual and automated test cases using existing test suites.
- Actively participating in the development of user stories in an AGILE environment, working alongside the Scrum Master and the Business Analyst to ameliorate the delivery process.
- Translating the development tasks into distinct test automation units and making sure maximum automation coverage is achieved by the end of the Sprint with maximum velocity.
- Maintaining a build repository of the automated tests.

Skills: Python, Selenium, Oracle, PostGRE-SQL, Redis, MongoDB, HTML5, CSS3, JavaScript, jQuery, AngularJS, NodeJS, REST-ful WS, Shell, JMS, Build Management, Incident Management.

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### **Test Automation Developer @ Orange Labs Products and Services (OLPS), Rennes, France (Jul. 2012 – Jan. 2013)**

- Study of packet sniffers used for network diagnostics and testing.
- Development of in-house network tracer, packet sniffer based purely on Python, used to perform network diagnostics and performance testing

Skills: Python, TCP/IP, Embedded Systems, Shell, IPTABLES, Network Diagnostics.

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<b><u>COMPETENCES</u></b>	<ul style="list-style-type: none"> <li>• <u>Programming Languages</u>: Python, Javascript</li> <li>• <u>Database Technologies</u>: MongoDB, MySQL, Oracle, PostgreSQL.</li> <li>• <u>Web Application Servers</u>: Apache Tomcat, WSGI, NginX</li> <li>• <u>Web Technologies</u>: HTML, CSS, jQuery, RESTful WS</li> <li>• <u>Version Control Systems</u>: SVN, GIT</li> <li>• <u>Methodologies</u>: AGILE, SCRUM, TDD, BDD</li> <li>• <u>Tools</u>: FitNesse, Gatling, soapUI, Burp-Suite, JIRA, Test Link, Jenkins, Wireshark, HP-QC, StackStorm, GitLab, Katalon, Robot Framework.</li> <li>• <u>Cloud Technologies</u>: AWS</li> <li>• <u>Enviornments</u>: Windows, Linux, MacOS</li> <li>• <u>Network Protocols</u>: TCP/IP suite</li> </ul>
<b><u>CERTIFICATIONS</u></b>	<b><u>ISTQB Certified Tester</u></b> (Foundation Level: May 2014)
<b><u>EDUCATION</u></b>	<b><u>Institut Supérieur d'Electronique de Paris (ISEP), Paris, France</u></b> (Oct. 2011 – Jan. 2013) - <b>Master of Science (MSc)</b> <b><u>University of Pune, Pune, India</u></b> (Aug 2006 – Aug 2011) - <b>Bachelor of Engineering (BE)</b>
<b><u>ACHIEVEMENTS</u></b>	<ul style="list-style-type: none"> <li>• French Government Scholarship Holder – recipient of the Orange-MAEE (Ministère des Affaires Etrangères et Européennes) joint scholarship for the year 2011-12.</li> <li>• Fellow of the Consultancy Development Center, Ministry of Science and Technology, HRD, Government of India in February 2010 for consulting a live project.</li> </ul>
<b><u>LANGUAGES</u></b>	<b>French (Fluent), English (Bilingual), Hindi (Mother Tongue)</b>
<b><u>HOBBIES</u></b>	<b>Photography (<a href="http://500px.com/AbhinavChadha">http://500px.com/AbhinavChadha</a>), Biking, Swimming.</b>