

# **Abhinav CHADHA**

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Working as a Test Engineering and Release Manager at ContentSquare, I am responsible to lead the Test Engineering team and implement the test automation processes across the feature teams in the R&D. My primary responsibility at ContentSquare is to develop the test architecture that is adapted to the needs of each team. I perform test reviews and help to incorporate automation at every possible step. Apart from test engineering, I have to manage the release cycles along with the Project Managers at ContentSquare. Part of my OKR at ContentSquare consists of reducing human efforts in all the aspects of the software release & delivery process and increasing the role of software automation to predict and improve the software quality. I achieve this work with the help of continuous feedback through Agile rituals and implementing team specific KPIs.

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## **PROFESSIONAL EXPERIENCE**

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

- Lead the Test Engineering team of five engineers who work on different feature teams.
- Define the strategy for mobile SDK and web app test automation.
- Lead the delivery process along with release automation.
- Liaison between the Product Managers, Test Engineers and Developers.
- Assess the impact and define strategy for new projects.
- Follow and deliver the OKRs on a quarterly basis.
- Work on the data processing pipeline using a framework developed in TypeScript and Python.
- Mentor and participate in the development of mobile automation framework developed using Appium, WebdriverIO and Robot Framework.
- Develop tooling for developers using Python and Shell script to perform deployments and other automation around the infrastructure.
- Organise workshops around improvement topics in the stack in terms of test and development.
- Participate in the improvement of CI/CD processes.

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

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

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

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## **PROFESSIONAL EXPERIENCE**

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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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### **QA Manager** – Tynyclus, 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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<b><u>PROFESSIONAL EXPERIENCE</u></b>	<p><b><u>Test Automation Developer</u></b> – Orange Labs Products and Services (OLPS), Rennes, France (Jul. 2012 – Jan. 2013)</p> <ul style="list-style-type: none"> <li>• Study of packet sniffers used for network diagnostics and testing.</li> <li>• Development of in-house network tracer, packet sniffer based purely on Python, used to perform network diagnostics and performance testing</li> </ul> <p><u>Skills</u>: Python, TCP/IP, Embedded Systems, Shell, IPTABLES, Network Diagnostics.</p>
<b><u>COMPETENCES</u></b>	<ul style="list-style-type: none"> <li>• <u>Programming Languages</u>: Python, Javascript, Go</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, SOAP, AWS</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>Enviornments</u>: Windows, Linux, MacOS</li> <li>• <u>Network Protocols</u>: TCP/IP suite</li> </ul>
<b><u>CERTIFICATIONS</u></b>	<p><u>ISTQB Certified Tester</u> (Foundation Level: May 2014)</p>
<b><u>EDUCATION</u></b>	<p><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></p>
<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>	<p><b>French (Fluent), English (Bilingual), Hindi (Mother Tongue)</b></p>
<b><u>HOBBIES</u></b>	<p><b>Photography (<a href="http://500px.com/AbhinavChadha">http://500px.com/AbhinavChadha</a>), Biking, Swimming.</b></p>