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| **Name:** **Armando Andres Flores Colet** | **Role:** QA Manager **– Senior** |
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| **Summary** | |
| QA Manager with almost 4 years of experience in the backend area of services and micro-services and leading the Cloud team testing area for 2 years ago. Background expertise on testing backend services and Cloud Platform services, as well as on automation and performance tests. Management of team communication for defining steps and clearing goals to move on in the project.  Armando Flores is proficient in setting testing best practices mainly for the automation and for the performance testing area starting from defining the strategy, documentation processing, manual tests creation, maintenance and execution, bug reports processing and creation of intermediate and final reports to the client.  In Test Automation his experience covers identification of appropriate tool set for the project specifics, setup of CI/CD framework in Gitlab, building test automation suits using Javascript and Automation Scripts, setting up the reporting using Jira, Testrail, Swagger and Gitlab for work documentation history.  Armando Flores has also been leading the cloud testing area during last 2 years with agile strategy implemented for projects workflow. Bright, ambitious and self-motivated, he was exposed to different phases of a project, from creation of test strategy for new cloud project, through organising the teamwork, reporting progress and completion of the project. Also, he managed to organise test process in different environments streams for the project.  On the interpersonal side, Armando Flores has superior written and verbal communication skills in German, English and Spanish languages. He gets along extremely well with colleagues at his own level and from different disciplines. He is highly respected and respectful, as both a person and a professional, by colleagues and employees alike and able to empathetically listen to other colleagues’ opinions and find a way through to encourage to mutually solve presented obstacles altogether as a team. | |

| Domain Experience |
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| Web services, Cloud Services, Backend services, Content Management Systems, Frontend Testing, CI/CD Pipelines, Databases management, System Administrator, Linux Administrator, Mobile application testing, Web Scraping Testing, Team Management, Project Management. |
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| Core Technical Skills | |
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| Core Skill: | Test Automation on Javascript/Scripts  Performance Testing  Manual Testing  Security Testing  Test Management/Test Leadership  Linux Administrator  Database Management Testing  Cloud Services Testing  Web Scraping Testing |
| Languages &  Technologies:  Databases: | Javascript, Python, PHP, Java, C, C++, Scripts  MySQL, MS SQL, Google Cloud Platform, Linux, Kubernetes, Docker, MongoDB, Git, SSH, Containers and Virtual Machines, Cronjobs. |
| Tools: | Jira, Testrail, Gitlab, Github, Visual Studio Code, Sophora Content Manager, Grafana, Prometheus, Wordpress, Swagger, Chrome/IE/Firefox/Edge developer tools, Virtualbox. |
| Techniques & Methodologies: | Agile – Scrum, Kanban, Lean  Planned iterative. |
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| **Education and Training** | |
| Qualifications:  Trainings and Certifications: | Bachelor Degree in Electronic Engineering, TU Berlin, 2019 – present  More than 100 IT Hard- and Soft-skill courses taken at Platzi https://platzi.com/p/armando-andres-flores/ |
| Languages: | Spanish (Native), English (Fluent), German (Fluent), French (Intermediate), Catalan(Intermediate). |
| PROFESSIONAL EXPERIENCE | |
| ***Senior QA Manager (March 2019 – March 2022)***  Products created to support the Cloud Migration of our customer’s site media, as well as its backend services migration. Development and Test of CI/CD Pipelines for maintenance support, performance analysis and service applications extensions. The cooperation between our client allowed to deliver quality performance of their main website text and video content, livestreams, mobile application and system operability of the website for different development environments. Consumers receive therefore high-on-demand media content while scalable applications optimize cloud serverless storage and usage. Client receives performance metrics of sites and services requests as well of their specific requested services with consulting of data possible through visualization tools as Grafana, Prometheus and Google Cloud Platform.  *Responsibilities and achievements:*   * Test approach selection that suits client’s requirement, best practices and deliver quality * Ensuring testing related requirements are added to the definition of done and definition of ready * Planning test activities * Support Analyses and Review of results provided by the automated test pack run as part of Continuous Integration * Estimations as part of Sprint * Review, clarification of requirements * Communication with client-side representatives through Jira platform. * Continuous communication with developers and cloud system administrators for quality assurance and refining of issues when bugs found. * Creation, review and test cases update, selection of scenarios to be automated * Creation of Javascript, tests and scripts supporting back-end testing and CI/CD Pipelines. * Perform demo as part of Sprint * Testing microservices. * Frontend and Backend functionalities Testing * Database correct handling of backend services Testing * Testing Intercommunication between websites.   *Techniques:*  Test planning, Test Estimation – agile poker, Test Design, Test Execution, Test Control, Risk Management, Metrics identifications and setup, Tools selections and setup  Component Testing, Smoke Testing, System Testing, Regression Testing, Functional Testing  *Testing tools:*   * Cucucmber, Gherkin, Mocha, Selenium Webdriver * JIRA for test management activities and logging the issues identified * MySQL – backend testing * Kubernetes and Linux Scripts to test containers performance and functional metrics. * CI/CD Automation Fitness functions Pipelines run in gitlab.   ***Freelancer ( 2018 – Present)***  As a freelancer have gained experience with various website development projects including 2 website projects creation of which one has been published. Creator, Designer, Developer, System-administrator, Tester and Product Owner of Websites with deployed backend and frontend functionalities as Registration and Log-in of users, user’s catalogue posts, rating and products display on site, as well as user’s menu display through PHP and MySQL backend and Javascript, AJAX and JQuery frontend tools. Designer, creator, maintainer and tester of Databases as of MySQL for user’s data collection and backend management. System administrator of Linux live server with installation and maintenance of Wordpress Content Management for delivery of use and creation of own PHP plugins and deployment through Github.  *Responsibilities and achievements:*   * Create, design, develop, administrate and test frontend and backend structure of website project * Design and develop service maintenance of website. * Administrate Project deployment, migration and installation of add-ons applications and plugins with quality assurance.   *Programming languages: Javascript, PHP, Python*  *Technologies: MySQL, XAMPP, Apache, Wordpress Content Management, JQuery, Github.*  *Operating systems: Linux, macOS and Windows.*  ***5G/6G Project ( 2022 March – 2022 October)***  *For Fraunhofer FOKUS 5G/6G research purposes was a project for the study of Backhaul communication characteristics developed. Sockets library was implemented with the use of Python programming language for monitoring and reporting across the backhaul the parameters which where optimally processed, through headers encrypted and through* *multipath spread for presentation delivery. For this purpose was a multiple load balancing algorithm provided.*  ***Software Tester ( 2022 October – Präsent)***  *For an Innovation Lab was a project proposed: a Bench Market Place intern website for matching tasks with professionals according to their experienced technologies, skills and frameworks. Designer, Planner, Creation of manual tests and Automation Test setup for the project Backend and Frontend architecture. PHP, Javascript, React, Symfony and Mysql among the software tools to be implemented in the project. Gitlab repository with design and development of CI/CD Automation tests for software development are implemented as part of the Backend Architecutre.* | |
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