I'm **Maria Rabelero**

Senior Software Developer

A highly-proficient ICT Engineer specialized in Software Security with 8+ years of experience strategically delivering reliable, high-performance, well-automated systems that are key to drive business priorities :)

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◼ Work experience

Nov 2021 – Present   Logitec
Fullstack Drupal Developer

As a contractor for one of the biggest agencies Mediacurrent. I worked in a fast-paced environment with a team that loves technology designing, developing, troubleshooting, testing, and delivering new and old capabilities for a variety of Universities and governments all over the world, overseeing the client's special needs.

- ✔ Provided custom functionality for Drupal based business applications, working on highly specialized technical issues from site configurations to site-loading delays.
- ✔ Work on decouple ad multisite environments with a variety of services providers.

Technologies: PHP, Drupal, Drush, Ddev, Symfony, Acquia Cloud, Acquia BLT, Composer, PHPMailer, xDebug, Behat, PHPUnit, JSON, XML, MySQL, Google API's, Docker, Solr, Jenkins, Bitbucket, Javascript, Gatsby.

Apr 2018 – Nov 2021   Oracle
Principal Applications Engineer

Efficiently partnered with architects, data scientists, and QA engineers throughout the software development life cycle with the mission to deliver on time various highly-available, bug-free REST services to integrate Artificial Intelligence into Fintech applications. Applied design patterns and highly complex concepts in a way they could be easily understood, other teams incorporated and adapted them to their needs in hours.

- ✔ Cleverly expanded a Search API applying new Lucene and Solr features based on client's feedback. Enhanced configurations, added multilingual stemming, custom search filters, script for collections management, introduced automatic testing using the Solr Test Framework, and the ability to hot-deploy upgrades eliminating down time.
- ✔ Replaced time-consuming, error-prone manual processes with efficient automated solutions. Implemented performance monitoring and alerting, load and integration testing using Rest Easy, and input validation by JSON Schema Validator.

■ Work experience continued

Technologies: *Java, Python, Lucene, Solr, Solj, HBase, Spark, Kafka, Zookeeper, Jetty, Jersey, Spring Boot, GlassFish, Maven, Kubernetes, Helm, Docker, Kibana, ElasticSearch, Prometheus, Swagger, Jackson, Surefire, SonarQube, Fortify, Jenkins, ALM, JProfiler, JMeter, JMH, VisualVM, Junit, JSON, XML.*

Feb 2018 – Apr 2018   Baxter
Sr. Web Administrator

Effectively provided technical leadership and expertise configuring, customizing and deploying Drupal multisite, content, translations, enhancements, and CDN optimization. Strategically scheduled, coordinated, and tracked deliverables with the development team.

- ✔ Expertly conducted training, status meetings, reports, and project plans. Documenting implementation approaches and made revisions as they evolved. And providing daily status to the stakeholders, the product teams and reported directly to the CTO.
- ✔ Proficiently analyzed internal and external processes in order to create Jira and Confluence configurations, templates and custom workflows to manage the Content Administration project, and the Sites Production management project tasks.

Technologies: *PHP, Drupal, Drush, Drupal Console, Acquia Cloud, Acquia BLT, Acquia Lift, Acquia Pipelines, Acquia DAM, Acquia Cloud Edge, ACSF Acquia Site Factory, Acquia Platform APIs, Acquia Dev Desktop, Cloudflare, GitHub Enterprise, SonarQube, Docker, ConEmu, Scoop, Git.*

Jul 2015 – Feb 2018   Accenture
Software Engineering Team Lead

Actively collaborated with business stakeholders and a high-performance team to create and modernize highly-complex Drupal based business applications that served millions of users and requests.

- ✔ Resourcefully built an Apigee's integrated developer portal for one of the world 's largest software vendor. Configured Pantheon Search, custom results, facets, and advance search. Integrated the contact-us form with the client's Salesforce and Jira instances.
- ✔ Developed a Wiki with Announcements for a government multisite. Built several widgets, and custom pages that consumed various APIs, and followed challenging business rules. Made a module to put in maintenance mode selected journeys involving a number of pages across the multisite.
- ✔ Researched, designed, and implemented the best RSA encryption and keys management solution using Townsend services, in a Pinterest-like site of one of the largest hotel chains. Crafted complex Organic Group views using taxonomies, content types, and media metadata. Re-engineered a photo dashboard module using Drupal coding standards and solving multiple security issues and improving performance. Created database views, and queries for site reports.
- ✔ Built a Knowledge Exchange and Awards multisite, for one of the largest telecommunications companies. Built groups-based dashboard, views, favorites, wish lists, and customizable reports with graphics. Setup a secured Solr instance with groups-based search. Setup, hardened, automated and integrate into their on premise site a NAS and Ubuntu server.
- ✔ Built numerous small sites, and online campaigns, for one of the world's largest brewery. Managed DNS, certificates, and Adobe Analytics tags. Planed and migrated ASP.NET MVC sites to Drupal, an SVN repository to a secured custom GitLab instance, ServerStack to Acquia. Design a JWT compliant Verifying age solution to replace a .NET based system.

■ Work experience continued

Technologies: PHP, Solr, Drupal, Drush, Drupal Console, Pantheon, Pantheon Search, Terminus, Acquia Cloud, Acquia Search, Cloudflare, SonarQube, New Relic, Composer, PHPMailer, xDebug, Behat, MySQL, MariaDB, Redis, Apache, Ngnix, Memcached, AWS, AWS Lambda, Ubuntu Server, IIS, C#, .NET, SQL Server, Razor, Facebook Graph API, Google Analytics, Tag Manager, SiteCatalyst, reCAPTCHA, ReactJS, jQuery, HighchartsJS, MomentJS, Rally, Jira, Gerrit, Bash scripts, Shell Scripting, CORS, XML, Git, SVN.

Mar 2015 – Jul 2015   CITI
Telecommunications Coordinator

Carefully planned improvements, infrastructure projects, oversaw installations, support, and repairs of all communication services, with the objective to obtain optimal levels of IT service performance for the transfer electronic funds company TransferMx.

- ✔ Meticulously evaluated the operational performance of existing systems, processes and architecture, in order to provide recommendations and create an improvement strategic plan.
- ✔ Provided first point of contact, technical assistance, and swift resolution to queries for the bank clients, the internal clients and the Telecommunication Service Providers.

Technologies: SSH, Netstat, Telnet, VPN, FTP, ALM, TCP/IP, SSH, DNS, DHCP, ICMP, FTPS, IPSEC, NAT/PAT

Sep 2014 – Dec 2014   Schibsted (Segunda Mano)
Front-End Web Developer

Engineered compelling, robust, user-centered solutions focused on usability, efficiency, and bottom-line results. Collaborated with product owners and Back-End engineers to develop, improve, and test (behavioral, cross browser, accessibility, A/B) user interfaces, and features. Learn to work with Kanban.

- ✔ Single-handily updated all web templates following the W3C standards and best practices. Contributed to the re-design of the closed platform Blocket, to follow MVC and MVVM patterns.

Technologies: C, PHP, JavaScript, ES5, jQuery, Ajax, Web Service, XML, SCSS, CSS3, HTML5, Selenium, Capybara, BrowserStack, Jenkins, Trello, Git.

■ Freelance experience

Oct 2013 – Jan 2014   Do My Homework
Full-Stack development

- ✔ Setup hosting, repository, Drupal, MySQL, cron jobs, Ngnix, and SSL certificates. Built user roles, users profiles using Rules module, and files management for jpg, gif, png, pdf, doc, and docx using the File module.
- ✔ Design and develop a high-quality Single Page Application based on Bootstrap, using CSS3 animations, gradients, and transparencies, jQuery parallax and easing effect, Waypoints for single page navigation, HTML5 to dial phone numbers, verify and send emails, and Polyfill.js and Modernizr to support IE. Set SEO using Pathauto and Google Analytics module.

Technologies: Vagrant, puPHPet, Debian, Drupal, Nginx, MySQL, Yeoman, Composer, Gulp, Yarn, Modernizr, SASS (Compass, Scooter, Bourbon), Npm, SPA, Git.

■ Freelance experience continued

May 2013 – Aug 2013   Diriageren Medical Office
Full-Stack development

- ✔ Setup repository, hosting, Drupal, cron jobs, Apache, and SSL certificates. Built user roles for management, employees, clients, and visitors. Developed an easy-to-use Appointment module that made Ajax calls to verify real-time availability. Used the Webform module to create medical forms.
- ✔ Created a theme based on the Bootstrap, Modernizr, CSS3 and jQuery. Set SEO using Pathauto, Google Analytics, and Search404. Added social media presence with the Metatags, and AddToAnthing modules.

Technologies: *Vagrant, puPHPet, Ubuntu, Drupal, Apache, MySQL, Grunt, Bower, Less, NPM, Composer, Git.*

Feb 2013 – Apr 2013   Sensor House Company
Web development

- ✔ Architected a PHP site using the MVC pattern, Inversion of Control, and Dependency Injection. Setup MySQL, the database schema, views, and store procedures for best performance to register clients. Setup an online store using PrestaShop. Set Google Analytics, and custom 404 pages. Developed an adaptive Front-End with Bootstrap, UndescoreJS, RequireJS, HTML5 and CSS3.

Technologies: *Apache HTTP Server, MySQL, LAMP, Grunt, Bower, Less, IoC, DI.*

Jun 2012 – Jul 2012   International Conference on Green Supply Chain (GSC2012)
Front-End development

- ✔ Designed and developed an innovative mobile-first responsive site, using jQuery UI, jQuery Easing, and Polyfill.js to support IE6. Created a slider and a navigation bar using HTML5, CSS3 animations, translations, and plain JavaScript. Created a script to deal with CSS3 prefixes. And introduced DataTables to display event information and the event submitted papers.

Technologies: *Gimp, Bitbucket, Mercurial.*

Education

Bachelor of Engineering, Information and Communications Technologies
Universidad Tecnológica de Tijuana
2012 – 2014   Final grade: 88/100

Licence Professionel, Systèmes Informatiques et Logiciels, Spécialité Sécurité Informatique
Institut Universitaire de Technologie de Lens
2011 – 2012   Final grade: 14/20

Associate's Degree, Information and Communications Technologies
Universidad Tecnológica de Tijuana
2009 – 2011   Final grade: 96/100

■ Thesis

Jan 2014 – May 2014   Operadora de Franquicias

Meticulously analyzed and gathered requirements to plan and design a stocktaking RESTful API using Laravel, PostgreSQL, and the RUP methodology.

- ✔ Created a development environment with Debian, OpenSSH, IpTables, Nginx, NodeJS, Yeoman, Git, iceScrum and Vagrant. Developed a web client using AngularJS and Kendo UI.
- ✔ Modeled data domain and created UML class diagrams using Enterprise Architect: Domain model, Requirement classes, Use Case classes and Sequence classes.

Feb 2012 – Jul 2014   Laboratoire de Génie Informatique et d'Automatique de l'Artois

Substantially augmented the functionality of the university's carpooling system using PHP, Google Maps API, and MVC. Learn to work with Scrum, Front-End Controller, and JavaScript prototypes.

- ✔ Built security classes to sanitized user data input. Installed and configured MySQL PDO, replaced raw database queries.
- ✔ Developed a user dashboard that showed among many other things the user's current and pasts coordinates, bookmarked places, and carpool partners. Added social media features using Facebook API and Twitter API.
- ✔ Redesign the Front-End to make it responsive for phones and tablets using HTML5, CSS3 and jQuery. Made the templates W3C complaint, and implemented accessibility functionalities.

May 2011 – Sep 2011   Lobato Tours

Designed and installed a local Windows network to share files with Debian.

- ✔ Developed scripts to defragment, run cleaners, and created backups for the office Windows machines. Incorporated and configured OpenFiler, CUPS, OpenDNS, Php-SysInfo, OpenSSH, and IpTables as proxy and firewall to restrict internet traffic into the local network.

■ Professional Development

2020	DrupalCon Global	Drupal Association	
2020	Open Source Summit	The Linux Foundation	
2020	Machine Learning for Everyone	DataCamp	115 hours, 29 Courses
2018	Drupal 8 Module Development	Acquia Academy	4 hours, 40 modules
2018	Drupal 8 Layout and Theming	Acquia Academy	3 hours, 48 modules
2017	Negotiation	Practum	18 hours, 21 PMI PDU
2016	Conflict Management	Practum	14 hours, 18 PMI PDU
2015	Expert in Drupal 7 Advance training	Forcontu	420 hours
2015	Drupal 7 Site Building	Acquia Academy	6 hours, 69 modules
2015	Drupalcamp Mexico City	Indava	
2014	CCNP Routing and Switching	Cisco Networking Academy	
2013	CCNA, CCNA Security, CCNA Voice	Cisco Networking Academy	

▪ Expertise

SDLC & Agile Strategy ────────────

Distributed Systems ────────────

Software Architecture ────────────

Cyber Security ─────────

System Optimization ───────

REST API ────────────

CI & CD Techniques ─────────

Drupal ─────────────

Troubleshooting ────────────

▪ Skills

JavaScript
- ✔ ExpressJS
- ✔ Foundation Framework
- ✔ VueJS
- ✔ Prototyping
- ✔ EmberJS
- ✔ BackboneJS
- ✔ TypeScript
- ✔ Communication

PHP
- ✔ Drupal
- ✔ Symfony
- ✔ WordPress
- ✔ Firebase
- ✔ PHPUnit
- ✔ Craft CMS
- ✔ Ddev
- ✔ xDebug

Data Management
- ✔ NoSQL
- ✔ SQLite
- ✔ ADO.NET
- ✔ Entity Model
- ✔ ORM
- ✔ RabbitMQ
- ✔ LINQ
- ✔ ACID

SaaS & IaaS
- ✔ OpenStack
- ✔ Heroku
- ✔ Oracle OCI
- ✔ OpenShift
- ✔ DigitalOcean
- ✔ Acquia
- ✔ Pantheon

CI/CD Pipeline
- ✔ Chef Helm Charts
- ✔ Puppet
- ✔ AWS
- ✔ Jenkins
- ✔ Git, SVN, Mercurial
- ✔ SonarQube
- ✔ Maven

Container Orchestration
- ✔ Helm Charts
- ✔ Docker Swarm
- ✔ Docker Compose
- ✔ Kubernetes
- ✔ Vagrant
- ✔ Homestead

Methodologies
- ✔ Clean Architecture & Clean Code
- ✔ Standards: ITIL, CMMI, PMBOK
- ✔ Agile Methodologies: Scrum, Kanban
- ✔ Design principles: SOLID, KISS, DRY
- ✔ Architectural patterns: MVC, REST
- ✔ Design patterns: Singleton, Decorator, Façade, Abstract factory

Soft Skills
- ✔ Logical and critical thinking approach to problem-solving.
- ✔ Confident, can train and mentor coworkers and stakeholders.
- ✔ Teamwork & collaboration, can work and plan effectively in groups to meet objectives in time.
- ✔ Initiative, can take initiative on learning new things at a fast pace.
- ✔ Highly analytical, can develop an IT solution to any given problem, and back it up with data.
- ✔ Empathy, excellent ability to exercise good judgment and to think on other person's feet.
- ✔ Flexible, can adapt, explore, make and learn from mistakes.

▪ Certifications

2016   Drupal 7 Site Builder Certification   Acquia

Awards

2012 **TCF (Test de Connaissance du Français) B1**
Centre de Linguistique Appliquée, Besançon

2011 **MexProtec Scholarship**
SEP & Campus France

- ✈ Traveling
- 🖌 Painting
- 🎮 Games
- 🎞 Movies
- 📖 Reading
- 👥 Family
- 💾 Technology
- 🐾 Pets