

DID YOU REALLY
NAME YOUR SON
Robert'); DROP
TABLE Students;-- ?



OH, YES. LITTLE
BOBBY TABLES,
WE CALL HIM.

M A R I A

R A B E L E R O

PRINCIPAL SOFTWARE ENGINEER

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EXPERIENCE

EXPERT APPLICATIONS DEVELOPER

Nestle | 03/2023 – Today

- Orchestrated the development and migration of over 50 Nestlé brand websites to PaaS providers. Ensured 100% compliance with security and accessibility standards by integrating tools like Deque's, FoD and New Relic leading to a 50% decrease in security incidents
- Influenced technology strategy and architecture decisions, optimizing site performance by leading the development and deployment of AI-driven solutions, achieving a 15% increase in user engagement and a 25% improvement in SEO rankings.
- Designed and implemented a cross-functional knowledge transfer model among Nestlé brand teams, increasing collaboration efficiency and reducing agencies onboarding time by 40%.
- Guided the adoption of GenAI, AI Agents, automation tools and best practices resulting in 1,200 hours saved in in operational costs and a 15% increase in development team productivity.

MACHINE LEARNING ENGINEER

Envato | 09/2022 – 12/2022

- Deployment of a distributed inference architecture of a custom Vision Transformer model enabling edge intelligence in AWS SageMaker. Delivered scalable, low-latency AI solution leveraging Docker and Kubernetes SageMaker Operator.
- Developed and implemented an innovative edge AI architecture with A/B testing and shadow deployment. Utilized AI workflow, KubeFlow and AWS EC2 to orchestrate deployment and scaling of AI models.
- Designed model pipelines integrating model tuning, compression, and packaging for efficient deployment on edge devices. Enhanced AI model performance by integrating edge intelligence caching for training, inference, and offloading.

SR. APIGEE ENGINEER

UST | 08/2022 – 11/2022

- Created and optimized API proxies, implementing traffic management, security policies, OAuth, and rate limit. Develop custom logic within Apigee API proxies.
- Automated CI/CD pipelines for API deployment, API versioning, and rollback capabilities.

DRUPAL TECH LEAD

Truelogic | 11/2021 – 06/2022

- Engineered custom functionality for headless Drupal business applications, tackling highly specialized technical challenges from complex site configurations to site performance bottlenecks.
- Optimized site infrastructure for high-traffic demands by applying advanced caching strategies, database tuning, and load balancing techniques, significantly enhancing system performance and ensuring stability and efficiency under pressure and high loads.
- Modernized Drupal code, DevOps practices and front-end technologies such as React.js and Gatsby, improving development efficiency and product quality.
- Troubleshoot and debugged critical issues related to site stability, security, and performance. Using xDebug, Firebug, and PHPUnit for precise diagnostics and effective issue resolution.

MARIA RABELERO

PRINCIPAL SOFTWARE ENGINEER

PRINCIPAL APPLICATIONS ENGINEER

Oracle | 04/2018 – 11/2021

- Developed high-performance middleware integrating ML models with financial applications, enhancing Oracle's Adaptive Intelligence Applications to deliver real-time AI-driven insights. This solution ensured low latency, fault tolerance, and scalability, reducing processing time by 80% and improving the user experience.
- Automated model deployment pipelines using Jenkins, Docker, and Helm Charts. Ensuring CI/CD and monitoring of AI models in production. This reduction in manual intervention improved model performance.
- Integrated big data processing frameworks, Kafka and Spark, into data ingestion pipelines, significantly improving the efficiency of unstructured data handling. Reducing data processing time.
- Implemented complex Solr facets and queries. Optimized configurations, automated collection management and deployments. This solution ensured 0 downtime during upgrades, improving search result accuracy.
- Collaborated with infrastructure, data scientists, cloud engineers, and product teams, to design and deliver AI-driven solutions that improved analytics, anomaly detection, and business decision-making capabilities.

SR. WEB ADMINISTRATOR

Baxter | 02/2018 – 05/2018

- Deployed and managed over 100 Drupal sites using Acquia Cloud Site Factory, BLT, and Pipelines, enhancing scalability and performance.
- Configured JIRA and Confluence workflows, optimizing content administration and site management processes, leading to a 25% increase in team productivity.
- Provided technical leadership in developing custom modules and themes, resulting in a 30% reduction in page load times and improved user engagement.

SOFTWARE ENGINEERING TEAM LEAD

Accenture | 07/2015 – 02/2018

- Architected, optimized and led the development of complex multi-site Drupal environments. Delivered scalable solutions that supported millions of users, streamlining security, reporting, and automation across high-traffic platforms, ensuring robust back-end solutions integrated with Apigee, Salesforce, Jira, and custom APIs. Reduced development time by 30% through optimized workflows and reusable components.
- Customized Autodesk's API platform, integrating Apigee Edge for API management, improving user experience by optimizing search and configured advanced facets on Solr, driving site discoverability.
- Developed custom reporting and analytics solutions delivering high-availability graph widgets for EDF's internal wiki, consuming complex data from custom APIs and integrating customizable reporting. Increased user engagement through enhanced real-time data visualization.
- Streamlined image and content management for Marriott's Meetings Imagined Site. Led the migration of over 10,000 media assets while redesigning SEO strategy, ensuring zero downtime during the process. Automated approval workflows and optimized image metadata for an increase in site traffic.
- Designed and deployed a secure and scalable infrastructure for AT&T Knowledge Exchange. Containerized an on-premise production environment, configuring Solr and Ubuntu server for enhanced search capabilities. Achieved a 99.9% uptime SLA by automating deployment and ensuring secure, scalable architecture.

TELECOMMUNICATIONS COORDINATOR

CITI | 03/2015 – 07/2015

- Planned and oversaw procuring network installations and technology integrations for data transmission.
- Prepared communications diagrams and ordered installations according to project specifications.
- Provided first point of contact and technical assistance to bank clients, and Service Providers.

FRONT-END WEB DEVELOPER

Schibsted | 09/2014 – 12/2014

- Designed, developed, and optimized end-user features and internal tools, enhancing functionality and UX.
- Engineered, tested, and maintained high-performance user interfaces, ensuring cross-browser compatibility, accessibility, and A/B testing compliance.
- Refactored and modernized web application templates, aligning with W3C standards.

MARIA RABELERO

PRINCIPAL SOFTWARE ENGINEER

FREELANCE PROJECTS

FULL-STACK DEVELOPMENT

Private Services Website | 10/2013 – 01/2014

- Setup hosting, Git repository, Drupal, MySQL, cron jobs, Nginx, and SSL certificates. Built user roles, users profiles using Rules module, and files management using the File module. Set SEO and Google Analytics.
- Design and develop a high-quality Single Page Application using Bootstrap, HTML5, CSS3 animations, gradients, transparencies, parallax and easing effects, Waypoints, Polyfill.js and Modernizr to support IE.

FULL-STACK DEVELOPMENT

Medical Office Website | 05/2013 – 08/2013

- 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 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 AddToAny modules.

WEB DEVELOPMENT

Security Company E-Commerce Website | 02/2013 – 04/2013

- Build a Magento site. Setup MySQL database, views, and store procedures for best performance to register clients. Set Google Analytics, and custom 404 pages. Developed an adaptive Front-End with Bootstrap, UnderscoreJS, RequireJS, HTML5 and CSS3.

FRONT-END DEVELOPMENT

GSC2012 Website | 06/2012 – 07/2012

- 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 vanilla JavaScript. Created a script to deal with CSS3 prefixes. And introduced DataTables to display event information and the event submitted papers.

EDUCATION

MASTER IN APPLIED ARTIFICIAL INTELLIGENCE

Instituto Tecnológico y de Estudios Superiores de Monterrey
2023 – 2026

BACHELOR OF INFORMATION AND COMMUNICATION TECHNOLOGY, SPECIALIZED IN PROJECT MANAGEMENT

Universidad Tecnológica de Tijuana
2012 – 2014

LICENCE PROFESSIONNEL, SYSTÈMES INFORMATIQUES ET LOGICIELS, SPÉCIALITÉ SÉCURITÉ INFORMATIQUE

Institut Universitaire de Technologie de Lens
2011 – 2012

ASSOCIATE OF INFORMATION AND COMMUNICATION TECHNOLOGY, SPECIALIZED IN NETWORKING AND TELECOMMUNICATIONS

Universidad Tecnológica de Tijuana
2009 – 2011

MARIA RABELERO

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CONFERENCES AND COURSES

2015 DrupalCamp Mexico City

2020 DrupalCon Global

2023 DrupalCon Lille

2024 DrupalCon Barcelona

2025 Acquia Academy – Drupal Site Builder Certification Learning Plan

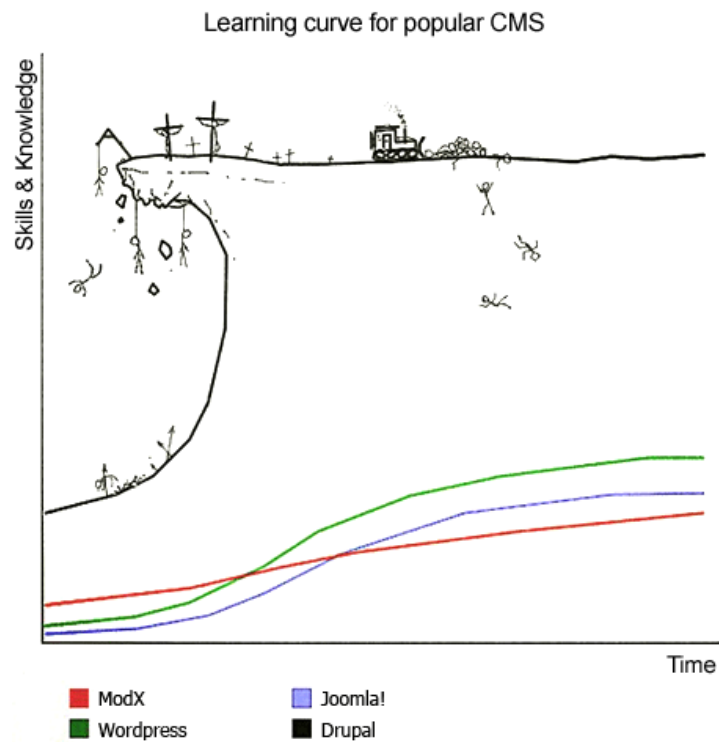
2025 Acquia Academy – Drupal Front End Specialist Certification Learning Plan

2025 Acquia Academy – Drupal Developer Certification Learning Plan

2025 Microsoft ESI – Designing and implementing a data science solution on Azure

2025 Microsoft ESI – Designing and Implementing a Microsoft Azure AI Solution

SKILLS & KNOWLEDGE



Mexico, 03.09.2025

Maria Rabelero