

Isaac Zuñiga Griffiths

Summary

Cloud-oriented Full Stack Developer with 5+ years of experience building scalable web applications and RESTful services and improving of systems functionalities. Skilled in Cloud environments like AWS and GCP, Applications and Solutions Architecture. Frontend and backend development with a strong foundation in object-oriented programming and clean code architecture.

Currently expanding into AWS architecture, DevOps workflows, and project/product management through certifications from AWS, IBM, Google, and Microsoft. Committed to building global-ready systems with technical excellence, leadership discipline, and a long-term mission of creating solutions that generate impact — both professionally and socially.

Work Experience

Supreme Court of Justice of Panama

Panama

Full Stack Engineer

Oct 2021 – Sep 2024

- Managing development, testing and deployment of web applications with PHP, Laravel, React, HTML5, CSS3, JavaScript, jQuery, AJAX and Bootstrap, optimizing cross-browser compatibility and responsive design.
- Contribution to the full software development lifecycle (SDLC), from requirements gathering to system implementation, ensuring project alignment with customer needs and timely delivery.
- Development of websites tailored to the client's specifications, with high performance and responsive, using frameworks such as Bootstrap, which ensured seamless functionality across all device types and increased customer satisfaction by 25%, as well as repeat business.
- Utilization of debugging tools and techniques to identify the cause of software errors and implement solutions.
- Extracted and manipulated data through RESTful APIs, improving decision-making processes and optimizing system performance by 20%.

SmartBot LA,

Panama

Chatbot Engineer

Ago 2021 – Nov 2021

- Collaboration with cross-functional teams to deliver projects on time, improving team efficiency and project success.
- Troubleshooting and debugging various problems with existing software systems, improving system stability and performance.
- Transforming customers' business requirements into complete solutions, integrating them with existing systems and databases.
- Guide customers through online purchasing and problem resolution via chat or email, using strong communication skills to improve customer satisfaction and resolve issues efficiently.

CAF - Banco de Desarrollo de América Latina,

Panama

System Engineer

Oct 2018 – Oct 2019

- Server performance monitoring to ensure availability of mission-critical services, minimizing downtime and improving service reliability.
- Performing maintenance tasks, such as patching and upgrades of the operating system, applications and firmware of various hardware components, ensuring system stability and security.
- Increased customer satisfaction through the use of a content management system to provide accurate and timely information on the company's products and services, resulting in a 15% reduction in follow-up queries.
- Deployment of server virtualization technologies such as Hyper-V, VMware ESXi, and Citrix XenServer, which increased resource efficiency and reduced hardware costs.
- Diagnosed and identified appropriate solutions to routine infrastructure problems, leading to a 20% improvement in system reliability and a 15% reduction in troubleshooting time, thus improving overall operational efficiency.

Teleread,

Panama

Analyst Developer / Applications Architect

Jan 2025 – Present

- Server performance monitoring to ensure availability of mission-critical services, minimizing downtime and improving service reliability.
- Performing maintenance tasks, such as patching and upgrades of the operating system, applications and firmware of various hardware components, ensuring system stability and security.
- Collaborated closely with cross-functional teams, including sales, marketing, finance, engineering and operations.
- Helped design, document and maintain system processes.
- Managed the entire stack of AWS services such as EC2, ECS, ELB, RDS, S3 and Route 53.
- Developed cloud-native applications using serverless architectures and AWS Lambda functions.
- Analyzed customer requirements, designed architectures, and created technical specifications for large-scale projects.

- Maintained a secure environment for handling sensitive financial information in accordance with PCI DSS standards.

Skills

Programming Languages: C++, Vue.js, Laravel, PHP, JavaScript, Java, Android, Kotlin, React.js, C#, .NET, Python.

Others: Responsive web design, effective debugging techniques, object-oriented programming, knowledge of RESTful APIs, MySQL expert, AWS experience, solid JavaScript knowledge, understanding of MVC architecture, software development, DevOps principles, Machine Learning, SQL integrations, Full-Stack development, Back-End development, progressive web applications, search engine optimization, version control system, CMS, mobile development, DB management, Client-Side Scripting, Server-Side Scripting.

Extras: Problem solving, XML EC2, Lambda, DynamoDB, IAM Roles, UML, YAML, JSON, TOML, AWS, Google Cloud Platform, Jira, Scrum Methodology, SQL, PLSQL, Salesforce, Graph SQL, Notion, Postman, Selenium, Gitlab, Docker, Unreal Engine, Sketch, Adobe XD, Figma, Golang, Kanban, Atlassian.

Education

Technological University of Panama
Bachelor's Degree in Software Development

City of Panama, Panama
Apr 2016 – May 2021

Certifications

How Google does Machine Learning, Coursera, 2020
Introduction to TensorFlow, Coursera, 2020
Launching into Machine Learning, Coursera, 2020
Automated Tests, Banco General Panama, 2021
Introduction to Kafka, Banco General Panama, 2021
Processing in Batch with Groovy, Banco General Panama, 2021
Version Control with Gitlab, Banco General Panama, 2021
AWS Cloud Technical Essentials, 2025
Architecting Solutions on AWS, 2025
Building Data Lakes on AWS, 2025
Migrating to the AWS Cloud, 2025
AWS Fundamentals Specialization, 2025
AWS Cloud Solutions Architect Specialization, 2025
Containers & Kubernetes Essentials, Coursera 2025
Microsoft Product Management, Ongoing
Google Project Management, Ongoing

Projects

Electronic Signature System Oct 2023 – Mar 2024

- System developed in the Supreme Court of Justice of Panama.
- Made with Java, PCKS#11
- The application is called from the browser, establishing a web service that maintains communication until the end user signs the document, which is automatically and securely sent to the server.

Sistema Integral de Recursos Humanos (SIGERH) Oct 2021 – Mar 2022

- Website developed at the Supreme Court of Justice of Panama.
- Made with PHP, JavaScript, jQuery, Bootstrap.
- Website for process automation and employee self-management to request leave, holidays, resignation, justify absences, emergencies, check your clock in and out, request documents such as employment letter, experience, seniority, references, etc.

Sistema de Concurso del Consejo de la Carrera Judicial (CACJ) Feb 2024 – Mar 2024

- Website developed at the Supreme Court of Justice of Panama.
- Made with PHP, JavaScript, jQuery, Bootstrap.
- Website designed for internal and external competitions to join the Supreme Court of Justice, where participants can attach their bachelor's, master's and doctoral degrees, professorships and professional experience. Take psychological tests, technical knowledge of the position to which they aspire, among other tests, and qualify for the position.

Sistema de Vacantes de la Corte Suprema de Justicia de Panamá

Nov 2023 – Apr 2024

- Website developed at the Supreme Court of Justice of Panama.
- Made with React, Laravel.
- Website designed for external persons who wish to apply for a job at the Supreme Court of Justice. They can attach their bachelor's, master's, etc. degrees. Without having to take competitive examinations. Interviews only.

Tokenization System for Credit Cards

Sep 2025 – Jan 2026

- Made with AWS, BankCore, Cryptography, etc.
- Website designed for external persons who wish to apply for a job at the Supreme Court of Justice. They can attach their bachelor's, master's, etc. degrees. Without having to take competitive examinations. Interviews only.