MARIO VELASQUEZ

SOFTWARE DEVELOPER

CAREER GOALS

Contribute significantly to the success of the projects I am involved in. My primary focus is to exceed project expectations by delivering exceptional value through a combination of strong technical skills and solid management ability.

KNOWLEDGE AND SKILLS

- ✓ **Programming Languages:** TypeScript, JavaScript, C#
- ✓ **Frontend:** Angular, Ionic, SASS, BootStrap, Angular Material, React, MUI, SASS, Bootstrap
- ✓ **Backend:** .NET Core, Node.js, Sequelize, Inversify, Apollo - GraphQL
- ✓ **Databases:** MySQL, SQL Server, MongoDB, Firebase Firestore, DynamoDB
- ✓ **Methodologies:** Scrum, Kanban
- ✓ **Soft skills:** Assertive communication, Teamwork, Resilience, Problem Solving
- ✓ **Tools:** Figma, Postman, AWS CLI, Adobe Illustrator
- ✓ **Versioning:** Git, GitHub, AWS CodeCommit
- ✓ **Concepts:** OOP, Asyncrony, SOLID principles, Mobile first
- ✓ **Cloud:** AWS, GCP

AWARDS AND CERTIFICATIONS

- ✓ **AWS Cloud Practitioner:** Certification given by passing CLF-C02 exam.
- ✓ **CiTEC Project- 1st place:** Awarded as the best solution for an early warning system for communities in Guatemala.
- ✓ **3rd Baccalaureate Award:** Student with the greatest solidarity and outstanding academic excellence.
- ✓ **Cum Laude:** Awarded for outstanding GPA.
- ✓ **EF SET C1:** Certification for English C1 Advanced level.
- ✓ **SCRUMstudy:** Scrum Fundamentals Certified (SFC)

CONTACT INFORMATION

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⬛ https://github.com/Mario991012

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REFERENCES

Mauricio Muñoz, General Manager, Corporación M&S
TEL. +502 2211 4852   E-MAIL: tecnologia@mandocorp.com.gt

Pablo Alejandro Godoy. Fullstack Engineer, BairesDev
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PROFESSIONAL EXPERIENCE

Typescript/AWS Developer Engineer

Telus International | August 2023 - Present

- API and services development for IoT devices interactions and functionalities using Typescript, Node.js and AWS.
- Constant and effective communication with cross-functional teams to facilitate the solution designs.
- Design flows, models and functionalities of new requirements involving IoT devices, third party provider integrations and communication between microservices involving AWS.
- Development of new requirements with clean code with good practices using Typescript and Node.js as serverless applications.
- Researched and debugged on-call cases communicating and solving tickets using OpsGenie, Jira, Confluence, TypeScript, AWS and Node.js
- Design solutions in high and low level.
- Development of base code for a new micro service allowing to deploy stacks from AWS using Cloudformation and AWS CDK.
- Generate scripts to automatize processes such as build services and deploy them.
- Create a code base template to replicate with ease the functionalities of IoT device communication via events and commands.
- Lead a squad for the design and development of a service to connect internet devices by planning, creating tasks, developing code, mentoring team members and follow up progress.
- Develop the IaC and core code for an event-driven architecture using Kinesis streams, Kafka, AWS SQS and AWS Lambda
- Create a reusable common library to be used by different services.
- Check CI/CD pipelines and fix code problems related with build, unit tests and IaC scan.
- Optimize service performance ensuring best practices in caching with Node Cache, error handling middlewares, and API efficiency.
- Write unit and integration tests using Jest and Vitest with a coverage of 90% or more.

Frontend Developer

BOWPI | October 2021 - August 2023

- Developed and maintained several web applications with high volume of transactions for management systems for credit card, financing and loan approvals
- Developed and worked together with an UX/UI team to create reusable and easy to maintain web components to facilitate the development for all the frontend teams using Angular and Figma
- Rebuilt most of the codebase of a bank system to standarize the structure of modules, components and services which led to the improvement of efficiency and code quality of the entire web application.
- Contributed in a cross-platform application development with high quality code, new reusable and mobile-first components using Typescript, Ionic and Angular with the Angular Material and built part of the in-house library.
- Implemented a batch based UI with Angular to load a file with thousands of registries to be storaged and processed in the financing system.

Freelance Software Developer

Freelance | December 2021 - Present

- Led, developed and maintained WordPress websites for different countries with plugins using PHP, Google Maps and Elementor. delivered new funcionalities and updates.
- Developed and maintained a SaaS using React, Firebase and GCP, integrating Google, Outlook, Hubspot and Salesforce APIs. Firebase integrated with Functions and Firestore.
- Developed and accomplished to integrate a third party service to automate a batch load of products that achieved the create, update and delete of product stock, images and information from a WordPress e-commerce using PHP.
- Created a Content Management System mobile apps from scratch with Angular, Ionic and Firebase services to save and share multimedia and information for users. Implemented roles in the system.

Junior Software Developer

BlueDevs | November 2020 - October 2021

- Planned, designed, developed and delivered the frontend and backend of a medical history system and invoice factoring system from scratch using Angular, React, Node.js, MySQL, Express and MongoDB.
- Integrated backend services to facilitate the consumption of data between two systems
- Implemented efficient web API services using .NET and C#.
- Led and support projects by organizing tasks between team members.
- Provided knowledge transfers to new team members to accelerate the learning curve of the project.

EDUCATION

Rafael Landivar College

Computer and Systems Engineering Degree

- Loyola scholarship holder
- 85 grade point average
- Cum Laude Award

Liceo Javier School

Bachelor of Science and Letters

- Magis 2017
- Recognition as 3rd bachelor of 2017.
- 92 grade point average in courses.