

Acevedo Miguel Angel

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Senior Software Engineer with extensive experience (over 20 years) in the digital marketing world and IoT. Knowledge of cloud technologies and understanding of DevOps and infrastructure.

Tech Stack

CLOUD

Kubernetes, Bitbucket, GitHub, GitLab, AWS CodeCommit, Jenkins, Bitbucket Pipelines, GitHub Actions, Docker, ELK Stack, MQTT, RabbitMQ, AMQ, Kafka

AMAZON SERVICES

EKS, EC2, ECS, Aurora, Cassandra, Lambda, Amplify, AppSync, IoT Core, OpenSearch, CodeBuild, CodeCommit, Pipelines, MSK, Kinesis, SQS, CDK

CODING

Node.js, Typescript, Python, PHP, Go, Bash

Work Experience

CLOUD LEAD

Tensor Energy, Japan Jan 2022 - Present

- Defined the base architecture and tech for the next energy platform in Japan.
- Lead new staff to follow good development and deployment practices.
- Coding server services in Typescript (GraphQL) and Golang (Lambda).
- Serve-less approach in AWS environment, Lambda, Aurora (Postgres), Steps Functions, ECS, Batch.
- Code as infrastructure with CDK.

DEVOPS - SENIOR SOFTWARE ENGINEER

Henderson China, Hong Kong Feb 2020 - Dec 2021

- Architecture high availability system, performance optimization, and library analysis for better performance.
- Designed and implemented stream microservice architecture for IoT integration.
- Deployment and maintenance of the infrastructure for Mainland China and Hong Kong.
- Planned and implemented the CI/CD pipeline, defining good deployment and coding practices.
- Integrated 3rd party IoT hardware providers.

- Setup Kubernetes Platform on AWS (EKS and Bare installation on EC2)
- Installation and maintenance of monitoring applications (Grafana, Kibana, Elasticsearch, Filebeat), storage (Redis, Postgres, Cassandra), and messaging (Kafka, MQTT)

SOFTWARE ENGINEER & IOT SPECIALIST

Cereb.ai, Hong Kong Jun 2018 – Oct 2020

- Managed and simplified the application build and release process by using docker technology which drastically reduced build errors and deployment time.
- Planned the architecture for scalable and high-availability services infrastructure with AWS EKS, Kafka, and Node.js.
- IoT hardware integration authored and maintained several backend services integrating 3rd party API (Lifesmart, Softhard.io, Salto Access, SMS gateway, DingTalk, Telegram, Slack).
- Enhanced and maintained the infrastructure through monitoring and reporting.
- Improved the CI/CD cost and speed migrating from Bitbucket Pipelines to hosted Jenkins.
- Maintained more than 1000 devices connected to the platform

SENIOR SOFTWARE ENGINEER

Urban Spring, Hong Kong Apr 2019 – Sep 2019

- Coded the tool for device provisioning to AWS IoT Core using Python.
- Defined infrastructure as code, Kubernetes deployment with Terraform in AWS.
- Provided mentoring to junior developers.
- Code review for embedded firmware from 3rd party developers (C - C++) for STM32.

PRODUCT ARCHITECT

LYNK, Hong Kong Nov 2016 – Jan 2018

- Mentored and guided junior and new members of the development team.
- Implemented Scrum to improve the team output, manage developers and resources, and establish good software practices.
- Designed and created optimized web applications in HTML5, CSS, and WebRTC to support the company's business needs, including a Skype-like application for experts and client consultations.
- Contributed to overall business development with regular meetings with management and aligning goals with the CTO.

REMOTE MOBILE PROGRAMMER

Gravity Makers, Argentina Jan 2012 – Dec 2012

- Designed mobile applications, across multiple devices, in Symbian and Qt
- Successfully adapted and thrived in a fast-paced work environment with rapidly changing goals.

CO-FOUNDER

Kaizen Interactive, Latin America Jan 2009 – Dec 2015

- Created an original Social CRM platform that serves as an interface for clients' applications usage, user demographics, and reporting.

- Managed all stages of promotional applications' creations for clients, from initial design and architecture to development, deployment, and management. Completed a total of 40 projects, serving more than 200.000 users online.
- Worked directly with clients in different countries, Argentina, Mexico, Chile, Spain, and France.
- Helped create and implement new ideas for ways to grow the business and generate revenue.
- Managed project tasks, timelines, and communication with several freelance developers and designers.
- Demonstrated the ability to work diligently under pressure to meet deadlines.

TEAM LEADER AND ACTIONSSCRIPT EXPERT

United Virtualities, Argentina May 2007 – Feb 2009

- Successfully served as lead project manager of three developers.
- Responsible for overall web project management from development to execution and maintenance.

ACTIONSSCRIPT PROGRAMMER

Evolution, Argentina Aug 2004 – May 2007

- Worked with the program managers on designing site architecture, user interfaces, and the overall look and feel of the applications.
- Develop and localize several online games, mainly for Disney Latin America.

PROGRAMMER AND SERVER ADMINISTRATOR

Marketing Plus, Argentina May 2003 – Aug 2004

- Created Dynamic Websites that were user-friendly, effective, and appealing.
- Managed several web servers in production and development.

WEB DEVELOPER INTERN

Gauchito, Argentina Nov 2001 – May 2003

- Acquired an in-depth familiarization with CNC and electronics.
- Developed the e-commerce and online quotation system.