Acevedo Miguel Angel

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Argentinian born in 1982, currently living in Hong Kong for more than 6 year Miguel has extended experience as a backend programmer, and DevOps, Currently working with distributed systems and IoT integration for Henderson China for the smart buildings in mainland China and Hong Kong.

EXPERIENCE

FEB 2020 - PRESENT
Henderson China: DevOps - Senior Software Engineer

- Architecture the high availability system, performance optimization, and library analysis for better performance.
- Designed and implemented stream micro service architecture for IoT integration.
- Deployment and maintenance the infrastructure for Mainland China and Hong Kong.
- CI/CD planning and implementation, as a DevOps in charge of defining good practices in deployment and coding styles.
- IoT integration with 3rd party hardware providers.

Node.js · Kafka · Amazon Kinesis · Kubernetes · AWS EKS · Jenkins · AWS IoT

JUN 2018 – OCT 2020
Cereb.ai: Remote Software Engineer & IoT Specialist

- Managed and simplified the applications 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 Bot, Slack Bot).
- Enhanced and maintained the infrastructure through monitoring and reporting.
- Improved the CI/CD cost and speed migrating from Bitbucket Pipelines to hosted Jenkins.
- Remote support for the more than 1000 devices connected.

Node.js · Mongo · Redis · Kubernetes · AWS · Microsoft Azure · GitLab · Elastic Stack · RabbitMQ · Kafka

APR 2019 - SEP 2019
Urban Spring: Senior Software Engineer

- Contributed to the IoT data specifications (MQTT messages and DB Schema).
- Coded the tool for device provisioning to AWS IoT Core (Things, Certificates, Policies and Shadow) 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.

Python · PostgreSQL · Kubernetes · AWS IoT · GitLab · MQTT

Nov 2016 - Jan 2018
LYNK: Product Architect

- Mentored and guided junior and new members of the development team.
- Implemented Scrum to improve the team output, managing developers and resources, establishing good software practices.
- Design and create optimized web applications in HTML5, CSS and WebRTC to support the company's business needs which includes a Skype-like application for experts and clients consultations.
- Worked independently and as a team in collaboration with other departments in establishing their needs for their business goals.
- Contributing to overall business development with regular meetings with management, and aligning goals with the CTO.

Node.js · Mongo · React.js · Python · Angular · AWS · GitHub · Gulp · Grunt · Chrome Extensions

May 2016 - Oct 2016
Launchpilots: Product Architect

- Worked with the growth team to identify data needs.
- Coded the web interface with Social network integration.
- Helped on marketing and grow initiatives, email marketing and new clients acquisition.

Ruby on Rails · Sails · HTML · CSS · Facebook API · Instagram Scraping · GitHub · Grunt

Jan 2009 - Dec 2015
Kaizen Interactive: CTO and Co-Founder

- Created an original Social CRM platform which serves as an interface for clients' applications usage, users 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.

PHP · JavaScript · jQuery · MySQL · CSS · Gulp · VPS Admin · Gulp · Bash· Node.js · Postgres · Bitbucket

Jan 2012 - Dec 2012
Gravity Makers: Remote Mobile Programmer

- Trained in Symbian and Qt, Designed for and tested mobile applications, across multiple devices.

Qt · JavaScript · Symbian

May 2007 - Feb 2009
United Virtualities: Team Leader and ActionScript Expert

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

JavaScript · ActionScript · HTML · CSS

Aug 2004 - May 2007
Evolution: ActionScript Programmer
- 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.

JavaScript · ASP · Java · ActionScript · HTML · CSS

May 2003 - Aug 2004
Marketing Plus: Programmer and Server Administrator
- Created Dynamic Websites that were user-friendly, effective, and appealing.
- Managed several web servers in production and development.

PHP · MSSQL · HTML · CSS · ActionScript

Nov 2001 - May 2003
Gauchito: Web Developer Intern
- Acquired an in-depth familiarization with CNC and electronics
- Setup the e-commerce and online quotation system

ASP · MSSQL · HTML · CSS · ActionScript

TECHNICAL SKILLS

Cloud:
- AWS Elastic Kubernetes Service
- AWS IoT Core
- Jenkins
- Docker
- FileBeat
- FluentD
- Logstash
- Elasticsearch
- Kibana

Backend:
- Node.js
- Go
- Python
- PHP

Databases:
- MongoDB
- PostgreSQL
- MySQL
- Cassandra
- Redis

Message Queue:
- RabbitMQ
- Kafka
- AWS Kinesis
- AWS SQS

Software:
- Arduino (C)
- Fusion 360
- CAD / CAM
- Autocad

Electronics:
- PLC
- Arduino
- ESP32 / 8266
- Raspberry Pi

- Jetson Nano

CERTIFICATIONS

- **IoT Foundation: Telemetry** (AWS - Aug 2020)
- **LPI Linux Essentials Certification** (Linux Academy - May 2020)
- **Deploying to AWS with Ansible and Terraform** (Linux Academy - Apr 2020)
- **DevOps Essentials** (Linux Academy - Oct 2019)