ACEVEDO, Miguel Angel

Argentinian born in 1982, currently living in Hong Kong.

As a co-founder of a digital marketing agency, I contacted non-technical clients, proposing ideas, creating budgets, tracking goals and deadlines with remote developers.

Miguel has extended experience as a software developer, backend programmer, and server administrator, gradually focusing on DevOps, cloud computing and IoT (Internet of Things) integration for Henderson China and the newest smart buildings in mainland China and Hong Kong.

EXPERIENCE

AUG 2019 - PRESENT
Henderson China: DevOps - Senior Software Engineer

- Architecture high availability system, performance optimization, and library analysis for better performance.
- Designed and implemented stream micro service architecture for IoT integration.
- Deployment and maintenance of 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 · Typescript · Kafka · Kinesis · AWS EKS (Elastic Kubernetes Service) · Jenkins · AWS IoT · Gitlab

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 (application program interfaces) (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 · Typescript · Mongo · Redis · Kubernetes · 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 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

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 innovative 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 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
- AWS Codebuild
- Docker
- FileBeat
- Logstash / Elasticsearch / Kibana

Backend:

- Node.js
- Go
- Python
- PHP

Databases:

- MongoDB
- PostgreSQL
- MySQL
- Cassandra / AWS Keyspaces
- Redis

Message Queue:

- MQTT / AWS IoT
- RabbitMQ / AMQ
- Kafka / MSK
- AWS Kinesis
- AWS SQS
- Kinesis

Software:

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

Electronics:

- PLC
- ESP32
- ESP8266
- Micro Bit
- Raspberry Pi
- Jetson Nano