

# Acevedo Miguel Angel

miguelangel@linux.com (+852) 6435 – 6936



Argentinean born in 1982, currently living in Hong Kong for more than 6 years. As a co-founder of a digital marketing agency got in touch with non-technical clients, proposing ideas, creating budget, tracking goals and deadlines with remote developers. Miguel has extended experience as software developer, backend programmer, and server administrator.

Gradually focusing on DevOps, cloud computing and IoT integration for Henderson China and the newest smart buildings in mainland china (Beijing) and Hong Kong.

## EXPERIENCE

AUG 2019 - 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 the 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 3<sup>rd</sup> party hardware providers.

JUN 2018 – PRESENT

### **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 service 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.

SEP 2019 - FEB 2020

### **KM.ON: Senior Software Engineer - IoT**

- Solely responsible for research, analysis and feasibility study of sensors for retro-fitting industrial machines.
- Maintained the current website and added more appealing features using React.js, Redux.

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.

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 company's business needs which includes a Skype-like application for experts and clients consultations.
- Worked independently and as 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.

MAY 2016 - OCT 2016

### **Launchpilots: Product Architect**

- Worked with grow 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.

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.

JAN 2012 - DEC 2012

### **Gravity Makers: Remote Mobile Programmer**

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

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.

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.

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.

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

## TECHNICAL SKILLS

### **Cloud:**

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

### **Backend:**

- Node.js
- Go
- Python
- PHP
- Scala

### **Databases:**

- MongoDB
- PostgreSQL
- MySQL
- Cassandra
- Redis

### **Message Queue:**

- RabbitMQ
- Kafka
- AWS Kinesis
- AWS SQS

### **Software:**

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

### **Electronics:**

- PLC
- ESP32
- ESP8266
- Micro Bit
- 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)