



Acevedo Miguel Angel

me@acevedomiguel.com (+852) 6435 – 6936

Senior Software Engineer with entrepreneur spirit.
More than 18 years of experience coding, managing projects,
resources and clients.

TECHNICAL SKILLS

Cloud: Kubernetes (EKS and Bare Metal), Docker, Elastic Stack (FileBeat, Logstash, Elasticsearch, Kibana)

Backend: Node.js, Go, Python, PHP, Scala (basic)

Frontend: TypeScript, React.js, React Native

Databases: MongoDB, PostgreSQL, MySQL, Cassandra, Redis

Message Queue: RabbitMQ, Kafka, Amazon Kinesis

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

Electronics: PLC, ESP32, ESP8266, Micro Bit, Raspberry Pi, Jetson Nano

RELEVANT EXPERIENCE

AUG 2019 **Senior Software Engineer – IoT**

PRESENT **Exaleap.ai**

Redefining Smart. Architecting 'Next Gen' Smart Solutions

- 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 China and Hong Kong.
- CI/CD planning and implementation as a DevOps.

JUN 2018 **Senior Software Engineer - IoT Specialist**

PRESENT **Cereb.ai**

Accelerating the realization of automated IoT smart scenes.

- 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 **Senior Software Engineer - IoT**

FEB 2020 **KM.ON**

Bring your textile business to a new level by entering the world of smart manufacturing.

- 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 **Senior Software Engineer**

SEP 2019 **Urban Spring**

We innovate a smart water dispenser offering a cool and fun water refilling experience to the urbanites of Hong Kong.

- 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 **Product Architect**

JAN 2018 **LYNK**

Lynk connects people with time-sensitive and business-critical questions to a curated community of 35,000+ experts.

- 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.
- Modified current systems, writing and testing code.
- 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 **Product Architect**

OCT 2016 **Launchpilots**

Launchpilots is a campus influencer platform that help brands activate their campus customers by sponsoring influential student leaders and societies.

- 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 **CTO and Co-Founder**

DEC 2015 **Kaizen Interactive**

Kaizen is a digital marketing solution agency based in Argentina, specialized in integrated marketing strategies.

- 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 **Remote Mobile Programmer**

DEC 2012 **Gravity Makers**

Gravity Makers provides the necessary services to create, communicate and successfully distribute mobile apps.

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

MAY 2007 **Team Leader and ActionScript Expert**

FEB 2009 **United Virtualities**

United Virtualities is a boutique tech consultancy, and are experts in Salesforce Commerce Cloud and more.

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

AUG 2004 **Team Leader and ActionScript Programmer**

MAY 2007 **Evolution**

Digital agency

- Trained and supervised multiple team members for new arrival technology.

- Worked with the program managers on designing site architecture, user interfaces, and the overall look and feel of the applications.
- Created "The bubble machine" game which won a "Diente de Oro 2005" for innovation being a game playable with the webcam.
- Develop and localize several online games mainly for Disney Latin America.
- Created interactivity using Flash, ActionScript, and JavaScript.

MAY 2003 **Programmer and Server Administrator**

AUG 2004 **Marketing Plus**

Digital agency

- Develop a horse racing game simulator using real data, integrating the game with the internal system of the racing course in Buenos Aires.
- Created Dynamic Websites that were user-friendly, effective, and appealing for more than 12 clients
- Managed several web servers in production and development.

NOV 2001 **Web Developer Intern**

MAY 2003 **Gauchito**

Gauchito is a technology-based company dedicated to the development and manufacture of industrial machinery and numerical control machine tools.

- Acquired an in-depth familiarization with CNC and electronics
- Create custom web based UI applications for products and stock management, based on department needs and functionality
- Setup the e-commerce and online quotation system

CERTIFICATIONS

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)