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
PRESENT

Senior Software Engineer – IoT

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.

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

JUN 2018
PRESENT

Senior Software Engineer - IoT Specialist

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.

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

SEP 2019
FEB 2020

Senior Software Engineer - IoT
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

Scala · React.js · AWS

APR 2019
SEP 2019

Senior Software Engineer
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.

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

NOV 2016
JAN 2018

Product Architect
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.

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

MAY 2016
OCT 2016
Product Architect
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.

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

JAN 2009
DEC 2015
CTO and Co-Founder
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.

PHP · JavaScript · jQuery · MySQL · HTML5 · CSS · Gulp · VPS Admin · Gulp · Bash Scripting · Node.js · Postgres · Bitbucket

JAN 2012
DEC 2012
Remote Mobile Programmer
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.

Qt · JavaScript · Symbian

MAY 2007
FEB 2009

Team Leader and ActionScript Expert

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.

JavaScript · ActionScript · HTML · CSS

AUG 2004
MAY 2007

Team Leader and ActionScript Programmer

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.

JavaScript · ASP · Java · ActionScript · HTML · CSS

MAY 2003
AUG 2004

Programmer and Server Administrator

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.

PHP · MSSQL · HTML · CSS · ActionScript

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

ASP · MSSQL · HTML · CSS · ActionScript

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)