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| Miguel Angel Acevedo Senior Software Engineer  Target-oriented senior software developer with extensive experience (over 20 years) in the digital marketing world and IoT. Knowledge of web technologies and understanding of DevOps and infrastructure. Work Experience Cloud Lead & IoT  Jan 2021 - Present  Tensor Energy, Japan   * Defined the base architecture and tech for the next energy platform in Japan. * Lead new staff to follow good development and deployment practices * Coding server services in Typescript (GraphQL) and Golang (Lambda) * Serverless approach in AWS environment, Lambda, Aurora (Postgres), Steps Functions, ECS, Batch * Code as infrastructure with CDK   DevOps - Senior Software Engineer  Feb 2020 - Dec 2021  Henderson (China) Investment Company Limited, Hong Kong   * 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 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 * Setting up Kubernetes Platform on AWS (EKS and Bare installation on EC2) * Installation and maintenance of monitoring applications (Grafana, Kibana, Elasticsearch, Filebeat), storage (Redis, Postgres, Cassandra) and messaging (Kafka, MQTT)   Remote Software Engineer & IoT Specialist  Jun 2018 - Oct 2020  Cereb Intelligence, Hong Kong   * 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 | Contact   * Hong Kong (remote ok) * +852 6435-6936 * [me@acevedomiguel.com](mailto:me@acevedomiguel.com) * linkedin.com/in/acevedomiguel   Languages   * Spanish * English * Japanese (N5)   Skills DevOps  * AWS Services * Github Actions * BitBucket Pipelines * Jenkins * Kubernetes * Docker * ELK Stack * Open Search * Serverless  Programming  * Javascript (Node.js) * Typescript * Go * PHP * Python  Frontend  * React.js * Next.js   Education  **University of Buenos Aires**  Computer Engineering  Buenos Aires, Argentina – 2008 |
| Senior Software Engineer  Feb 2019 - Nov 2019  Urban Spring, Hong Kong   * Contribute 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) with Python * Infrastructure as code, Kubernetes deployment with terraform in AWS * Provided mentoring to junior developers * Firmware code review from 3rd party developers (C - C++) for STM32 | |
| Product Architect  Nov 2016 - Jan 2018  LYNK, Hong Kong   * Mentored and guided junior and new members of the development team * Implemented Scrum to improve the team output, manage developers and resources, establish good software practices * Design and create optimised 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 and CEO | |
| CTO and Co-Founder  Jan 2009 - Dec 2015  Kaizen Interactive, Argentina   * Created an original Social CRM platform that 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 * Managed project tasks, timelines, and communication with several freelance developers and designers * Demonstrated the ability to work diligently under pressure to meet deadlines | |
| Remote Mobile Programmer  Jan 2012 - Dec 2012  Gravity Makers, Argentina   * 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 | |
| Team Leader and ActionScript Expert  May 2007 - Feb 2009  United Virtualities, Argentina   * Successfully served as lead project manager of three developers * Responsible for overall web project management from development to execution and maintenance | |
| Team Leader and ActionScript Programmer  Aug 2004 - May 2007  E-volution, Argentina   * 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 localise several online games, mainly for Disney Latin America. | |
| Programmer and Server Administrator  May 2003 - Aug 2004  Marketing Plus, Argentina   * Develop a horse racing game simulator using actual racing 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 to more than 12 clients | |
| Web Developer Intern  Nov 2001 - May 2003  Gauchito Maquinas y Herramientas, Argentina   * Acquired an in-depth familiarisation 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 | |