



Mark Sargento

PROGRAMMER

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I'm a programmer from Rizal, Philippines. I have almost 10 years of software development experience mostly from software startups. My expertise includes APIs, Backend Services, JavaScript, Ruby on Rails, Elixir, Golang, Linux, MySQL, and PostgreSQL. I always love to explore new things and I'm always hungry to learn and try out new ideas specially when on tech side.



WORK EXPERIENCE

ING Business Shared Services

Sr. Engineer - DevOps

2019-05-14 - present

<https://ing.com.ph/>

Banking anytime, anywhere. Fully digital process No lines. No forms. No fees. Open an account via our mobile app.

- Develop monitoring tools for our Kubernetes Cluster and VMs using Prometheus, Grafana, Node Exporter and Kube State Metrics
- Maintains a cluster of VMs for all DevTest and UAT Environments
- Maintains a cluster of Runner VMs that is responsible for CI/CD pipelines
- Creates automation and provisioning scripts using Python, Power Shell, Bash, Ansible and Terraform
- Responsible for deployments of each services using Helm, Python and Bash. Each deployments are triggered on the CD Pipeline

8 Ventures/FirstTree Ventures

Sr. Software Engineer Team Lead

2017-09-11 - present

<http://8.ventures>

Financial Technology Solutions for Emerging Markets.

- Responsible for development of Coinzip, an Asset Exchange platform that allows you to trade cryptocurrencies such as Bitcoin, Litecoin, Ethereum and Ripple
- Oversees the deployment process and monitoring of each services such as Application Server(Coinzip), Order Matching service, Push Services, Trade Executor etc.
- DevOps stuffs(Task automation, Server Provisioning, Continuous Integration and Deployment, Server Maintenance and Optimization, Load Testing etc..)

Kinvo

Software Engineer Team Lead

2016-03-01 - 2017-09-01

<http://kinvo.co>

Kinvo is an app that enables merchants to generate invoices through their phones without hassle. Kinvo Matic enables you to take orders through chat from hundreds of customers simultaneously without lifting a finger.

- As the Engineering Lead, It is my responsibility that all the engineers in my team are following the best engineering practices such as TDD/BDD, code reviews, git workflows, pair programming and daily standups.
- Responsible for the design and implementation of Kinvo's backend services.
- Responsible for the implementation of the Facebook Bot Server(Still a guided bot though but we're currently experimenting and implementing an AI bot to cater the customers messages intelligently)
- Oversees the deployment process of each services
- DevOps stuffs(Task automation, Server Provisioning, Continuous Integration and Deployment, Server Maintenance and Optimization, Load Testing etc..)

PocketMarket

Backend Engineer

2014-02-01 - 2016-02-28

<http://pocketmarket.com>

We've built-in instant messaging in our storefront platform so you can easily answer customer inquiries - small interactions that can translate into a more personal and delightful shopping experience.

- Responsible for the design and implementation of the PocketMarket's backend services(API, Push Notification Service, Background Jobs, and other SOA components etc.) used by the mobile and web clients.
- Oversees the deployment process of each services
- DevOps stuffs(Task automation, server provisioning, Continuous Integration and deployment, server maintenance and optimization etc..)

Rubrik Labs Inc.

Software Developer

2013-01-15 - 2014-01-03

<http://rubriklabs.com>

- Full stack engineer responsible for the implementation and maintenance of the company's core products such as Merchant/Rewards platform, Authentication and Authorization API, Wallet API and the Redemption/Widget App. Implemented the API and the web client for the company's external client.
- Manage code by writing automated tests using cucumber, rspec, capybara, selenium and jasmine/mocha. Ensures that all tests pass before deployment/product release using Jenkins CI.
- Setup and configured automated deployment infrastructure on Amazon(EC2, S3, Cloudfront) using Chef and Capistrano.

Netbooster Asia

Jr. PHP Developer

2011-10-21 - 2012-07-01

<http://netboosterasia.com>

- Develops microsite and Facebook applications using a custom PHP micro framework based on Zend.
- Develops back office/Admin site for Facebook applications.
- Responsible for the maintenance and updates of the client's website.



EDUCATION

Informatics Computer Institute

Computer Science

Advance Diploma

2008-06-01 - 2010-05-01

Polytechnic Univeristy of the Philippines

Electrical Engineering

Bachelor

2006-06-01 - 2008-02-01



SKILLS

Programming Languages

- Ruby
- JavaScript
- Node.js
- Elixir
- Golang
- Python
- Bash
- CSS
- SASS
- PHP
- HTML
- Pug/Jade
- HAML
- TypeScript

Frameworks/Libraries/TDD/BDD

- Ruby on Rails
- Phoenix
- Gorilla Toolkit
- Gin
- Go Standard Library
- Sinatra
- Grape
- Express
- Koa
- React
- Redux
- Rspec
- Cucumber
- Jasmine
- Jest
- Mocha
- Selenium

Server/Infrastructure/Databases

- Amazon Web Services
 - Microsoft Azure
 - Heroku
 - Kubernetes
 - Helm
 - Istio
 - Consul
 - Vault
 - Docker
 - Grafana
 - Prometheus
 - Gitlab CI
 - Jenkins
 - Ansible
 - Terraform
 - Chef
 - Bash
 - PowerShell
- Capistrano
 - Mina
 - Edeliver
 - Nginx
 - Apache
 - Vagrant
 - Linux
 - Haproxy
 - PostgreSQL
 - MySQL
 - MongoDB
 - Redis
 - RabbitMQ
 - Memcache
 - ElasticSearch

Text Editors/IDEs

- Vim
- VS Code
- Atom

SCM

- Git
- Subversion



LANGUAGES

Filipino/Tagalog

Native speaker

English

Average



INTERESTS

Video Games/Board Games

Board Games Music

Musical Instrument