

Alexander Gerona

vp of engineering

about

Manila

<https://alecgerona.io>
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github.com/alecgerona
gitlab.com/alecgerona

stack

Python, Fastapi
Flask, Django
Vue, React
Gatsby, Nuxt
Angular
Android
RabbitMQ
Docker

experience

- 06 2021 - **First Digital Finance Corporation, Manila** VP of Engineering
Responsible for the company's engineering team. Plan, coordinate, and execute the company's technical goals along with the CEO and CTO.
- 06 2018 - **First Digital Finance Corporation, Manila** Team Lead
Lead and manage the company's team of engineers.
- 10 2017 - **First Digital Finance Corporation, Manila** Full-stack developer
Develop company projects from specification to delivery. I share responsibilities on the technical and often times creative direction of the company projects together with the CTO. I've led and developed multiple internal API microservices in Python in Docker containers with RabbitMQ for queues.
- 02–09 2017 **Vinteo Tech, Manila** Consultant, Front-end Developer
Consultant and developer for web app clients such as Unilab.
- 02–09 2017 **BreakRoad35, Manila** Consultant, Front-end Developer
Development of the admin dashboard for the backend office.
- 04–05 2014 **Asiatype Inc., Manila** Development Internship
Development of an internal project tracking system.

opensource

- 2020 **Pact Python** github.com/pact-foundation/pact-python
Python version of Pact. Enables consumer driven contract testing, providing a mock service and DSL for the consumer project, and interaction playback and verification for the service provider project.
- 2020 **Commitizen Python** github.com/commitizen-tools/commitizen
Commitizen is a tool designed for teams to define a standard way of committing rules.
- 2020 **alecgerona.io** github.com/alecgerona/alecgerona.io
My personal website and blog used to publish my tutorials or tech speak. Built with Gatsby/React.
- 2020 **pyrmq** github.com/first-digital-finance/pyrmq
Python with RabbitMQ—simplified so you won't have to. PyRMQ is a python library available in PyPI built to simplify the bootstrapping needed for Python apps to integrate with RabbitMQ using Pika. It exposes several helper classes that handles settings and retries. It's currently in use and battle-tested in FDFC's python services.

applications

- | | | |
|------|--|--------------------------------|
| 2019 | Billease.ph Mobile App
Android app counterpart of BillEase.ph. | BilleasePH @ Google Play Store |
| 2017 | Billease.ph and LoanRanger.ph
Online financing service platforms. Built from the ground up that is fully integrated with internal company services. Built with Angular and Django, I was in charge of fleshing out the initial release with multiple features that integrates with internal company services, security improvements, additional API specs and implementation, automated testing, and devops. | billease.ph |
| 2017 | Unilab Online Brand Reception Survey
Online interactive survey that aims to gauge customers' recognition and retention of company brands. | unilab.com |

education

- | | | |
|-----------|---|---|
| 2012–2016 | BS Computer Science
Project Schuyler: A Platform for Creating and Viewing Non-linear Interactive Videos for Teaching and Learning | University of the Philippines Los Baños |
| 2014–2015 | Foreign Exchange Student
Global Leadership Training Program, Business and International Relationship courses | Far East University - South Korea |
| 2011-2012 | BS Mathematics and Science Teaching
Specialization in mathematics | University of the Philippines Los Baños |