




# Felipe Buccioni

## About

Enthusiast, self-taught, with a self-improving behavior and more than 20 years of experience have made me a professional who performed in different areas and markets with projects related to software development, information and communication technologies, solving the challenges with innovation, creativity and flexibility.

## Links

-  [GitHub profile](#) Contributions and some custom mods to open source projects, plugins/libraries by me, experiments and more.
-  [StackOverflow profile](#) Answers and questions by me about development and programming in different languages and areas.
-  [LinkedIn profile](#) Networking and skills endorsement.



## Experience

- Freelance (as Aequum)** Since 2020-03
- Development of a library API to sign PDF files using a commandline tool as backend (php, php 7, API, phpdoc)
  - Lead and backend developer + DevOps for refactor of somoscircular.com processes (python, Django, Django REST, Django JET, GeoDjango, Google Geocode, Mailchimp)
  - Co-Project Leader/Backend developer of app/platform for COVID-19 traceability for the Aysén Region in 1 month, also act like problem solver with the deployment on iOS with ionic (python, Django, Django REST, Django JET, JWT Auth, GeoDjango)
  - Co-Project Leader/Backend developer of long form for bank application in 3 weeks (python, Django, Django REST, Django JET)
  - RPA Robot who enters bank data to ERP software (python, OpenCV, TKInter, multiprocessing, sharedmem, IPC, Image processing, pyautogui)

- Kudzu logistics (As Freelance)** Since 2020-03
- Backend of an application web and mobile to show details as costs, trips and behavior by car insurance company. (python, FastAPI, Azure functions, Azure CosmosDB, Azure CosmosDB API for MongoDB, MongoDB)
  - Intermediate app to manage the logistics of assurance car GPS, integrating Octo Telematics, courier clients and logistics company (python, Django, Django REST, Django JET, multiprocessing, webhook arq, queue arq, API integration)
  - Python package to connect with DHL XML Services (python, API integration)
  - Python package to connect with FedEx / TNT Chile API (python, API integration)
  - Integration with FedEx / TNT Chile (python, String phonetics/coincidences pattern, AWS S3, PDF reading)
  - Integration of shipping with Shopify (python, Web2Py, Shopify API, API Integration)
  - Integration of shipping with Jumpseller (python, Web2Py, Jumpseller API, API Integration)
  - Integration of shipping with Woocommerce (python, Web2Py, php, WordPress, Woocommerce, Wordpress plugins, WP REST)
  - Integration of SAP products and stock update with Woocommerce (php, WordPress, Woocommerce, Wordpress plugins, WP REST)
  - Integration of bsale with Shopify (python, flask, sharedmem, Shopify API, bsale API)

- Freelance** Since 2015-05 until 2018-03
- GIS for planning, view resources and show research studies of the Nonguen national reserve and towns nearby showing different cartography formats from a cloud file repository or a database, the possibility of administrate the options to show labels, styles (Developing a SLD plugin) for Leaflet, other data using GDAL library and

## Personal

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## Skills

- Angular ★★★★★
- Audio streaming ★★★★★
- AWS ★★★★★
- AWS Lambda ★★★★★
- Bash ★★★★★
- CSS ★★★★★
- Django ★★★★★
- Django REST ★★★★★
- Docker ★★★★★
- Documental databases ★★★★★
- ffmpeg ★★★★★
- FastAPI ★★★★★
- GeoDjango ★★★★★
- GIS ★★★★★
- leaflet ★★★★★
- Python ★★★★★
- NodeJS/ JavaScript ★★★★★
- Mapserver ★★★★★
- Relational databases ★★★★★
- REST API ★★★★★
- RPA ★★★★★
- Video streaming ★★★★★

- elevation cloud or image data using UMN MapServer. (django, python, GDAL, JavaScript, Leaflet, PostgreSQL, PostGIS, MapServer)
- Design of project to upgrade of a critical government legacy web application considering autoscale of the web applications and database cluster, deployable dev, prod and qa enviroments, distributed virtualization, VCS and code tickets management (Huawei FusionSphere, ha-proxy, nginx, MongoDB, tomcat, git, GitLab, bash, java)
- GIS to show the progress of the rebuild of the town of Chañaral (MapServer, MapCache, nginx, leaflet, GDAL Image processing with TMS strategy, advanced image compression)
- Mobile app to field survey, using Android tablets aproaching GPS tracking and positioning (Cordoba, NodeJS, Django, Django REST, bootstrap 4)
- Web Mapping with visualization, draw, kml read/write developing a leaflet plugin. (php, leaflet)
- Build of a SMTP gateway developing a perl nginx module to deliver SMTP mail to the clients of a small VPS company (perl, nginx)

**Retargeting**

Since 2017-11 until 2020-02

- Infrastructure migration to AWS using infrastructure as a code (IaaC) using autoscale, RDS, Route53 and compute services (ES6, pulumi, aws, puppet)
- Perimetral authentication and authorization system (python, Django, MongoDB, django-mongoengine, Django REST)
- Middleware manager to manage permissions for internal services, some process need buffered stream output. (Django, REST API, HTTP, Proxy, Streaming, AWS S3, AWS Athena)
- Orchestration (puppet)
- Pipelines (GitLab CI)
- Product management application for retail store. (python/Django, REST API, KnockoutJS, bootstrap 4, datatables)
- Extension of the previously mentioned app for export products to Salesforce and WebSphere commerce platforms. (python, Django, XML, PyFilesystem, multiprocessing)
- Product Catalog (php, Laravel 4)
- Basic scala programming (Scala)