a@adrianv.net
Adrian Villa   Full-Stack Engineer / Software Architect
                          MSc. in Management
                          MSc. in Innovation and Entrepreneurship

Citizenship   French   Mexican

GitHub   Personal   advl (//github.com/advl)
                         OSS   fwrlines (//github.com/fwrlines)

LinkedIn   villaadrian (//linkedin.com/in/villaadrian)

Summary   I'm a Business and Entrepreneurship graduate from HEC Paris
(2018). While I am interested by the efficient management of innovative companies
and products, in particular in the tech sector, I am a self-taught programmer and
wrote my first lines of code in 1999, at age 7. My recent work revolved around the
design of a SaaS product engineered as a scalable microservices architecture on
GraphQL/Node (back) consumed by a constellation of React client applications.
I strive for implementing best-in-class quality practices (SVN, Linting, Testing,
Auditing) while ensuring CI/CD pipelines to increase both maintability and speed in
the context of agile product delivery.

Technical Work   2019 - Present **Head of Engineering, RedLibre**   *Mexico City*
Experience   As a side-project (nonprofit), leading a team of 6 volunteers to
create technologies for cultural institutions in Mexico. Details currently confidential.
                         2019 - 2020   **CTO, Meccamico**   *Milan, Italy*
                                  Designed in relation with the CEO two products for the car repair
market, generated a traffic of 1.9M+ yearly organic pageviews with 100% uptime and
near-zero cost. Responsible for the technical architecture, specs, planning, and
implementation, resiliency, maintainability, documentation of systems.
                                  Created an Apollo Server GraphQL backend deployed as a
Serverless Lambda function, connected to a PostgresQL store on Google Cloud
Platform (GCP) to expose a fast, robust, modular API with OAuth2/JWT
authentication allowing for efficient querying and the plugging of microservices.
Ensured consistent testing in a Continuous Integration/Delivery pipeline.
                                  Designed a 100+ Component Design System for React using
Storybook, featuring the use of PropTypes, double ESM/CJS compilation, SCSS
isolation, lazy-loading and full SSR compatibility. Designed three open-source
SCSS libraries. Managed a 70% reduction in codesize compared to SemanticUI.
                                  Designed and Engineered five React applications to consume the
GraphQL API using Apollo-Client, using a strict CI/CD pipeline. Implemented where
pertinent NodeJS SSR and Sitemap generators for SEO purposes.
                         2009 - 2019   **IT Consultant, Full-Stack Engineer**   *Freelance*
                                  In parallel to high-school to university studies, advisor of several
successful SMBs and Startups on their IT Journey, recommended C-level
executives technology choices, hiring procedures, tooling and collaboration best-
practices. Consulted companies on alternative technology possibles, analyzing the
business context in relation with market opportunities.
                                  Created and maintained WordPress and Django systems for
freelance projects, and personal side-projects. In-depth experience with
Nginx/Apache web servers, Debian/Ubundu-based infrastructure and AWS S3.

2016	**Full-Stack Architect (Intern), Decidata**	*Mexico City*

Responsible of choosing and implementing the most appropriate technologies to ensure server resiliency, maintainability in the context of an image recognition application.

Converted the PHP Back-end to Python/Django/PEP8, making it modular and reducing the code size by 40% while easing the interface with back-end machine-learning daemons. Maintained a Debian/Python3/Nginx stack.

Engineered and maintained a custom SCSS library for front-end development allowing white-label theming.

2013 - 2015	**Founder, A Meander Magazine**	*Paris, France*

Creator and maintainer of a cultural magazine focused on old and forgotten works of art. Led a team of 3 and directed the work of 12 editors.

Designed a custom CMS solution using Django, UWSGI, NGINX, HTTP2 on Debian to allow for bespoke data structuring and fast rendering of the outlet. Ensured consistent PageSpeed results above 90/100.

Technical Skills

FullStack JS	Node, Express, Mocha, Apollo GraphQL (Server / Client), React, Webpack, Babel, ESlint, Storybook
FullStack Python	Django, Django Rest Framework, Nginx, PEP8, Unittest
Front-end	HTML, JSX, Pug, SCSS, LESS, CSS, React Devtools, Chrome/Firefox Devtools
Databases	PostgresQL, MongoDB, Sqlite, Sequelize, Redis
Systems	Arch (i3wm), Debian, Mac OS
Source Control/CI/CD	Git, Vercel, Netlify
Tools	Vim, Docker, SSH, tmux, zsh, Sublime

Education

2013 - 2018	**MSc. in Management, Grande Ecole Program** **HEC Paris, France**

World's second best Master in Management according to *Financial Times*. Courses on Management, Accounting, Corporate Finance, Financial Markets, Supply Chain, Entrepreneurship.
Thesis *Cum Laude* (8.7/10) on the topic "In the light of Monetary Theory and History, can Blockchain-based currencies be considered currencies?".

2017 - 2018	**MSc. in Innovation and Entrepreneurship** **ESADE, Ramon Lull University, Barcelona**

Dual Degree with HEC Paris' diploma. Studied the management of innovative entreprises with a focus on in-company learning.

2014	**Stanford Summer International Honors Program** **Stanford University, California, U.S.A.**

Design and Analysis of Algorithms (CS161),
Data Mining and Extraction (STATS202)

AFK

Analog Photography (//779.mx)	Political Economy
Daily Cycling, Swimming	Opera, Classical Music
Hiking	

Source

This resume is an HTML/CSS page optimized for `@media print` and leverages the pagedjs (//pagedjs.org) polyfills. The source code is available on GitHub (//github.com/advl/resume) and is continuously deployed at resume.adrianv.net (beta, desktop only)

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