

'MATT MARCHA'

MATTHIAS MARTIN-CHAVE

ETHICAL SOFTWARE ENGINEER

Near 10 years of experience, I'm looking for a Software Engineer position in Aotearoa through sponsorship. Resourceful and versatile, I deliver reliable and sustainable work, aligned with strong ethics. My ideal work environment cares about diversity, privacy, carbon footprint, and supports Free & Open Source Software.

WORK HISTORY

CTO & ERP DEVELOPER / 2024-NOW

Pacific ERP, Pape'ete, Tahiti, French Polynesia

Lead the tech department in a small company providing Odoo ERP to local businesses. A fairly generalistic role, as is common in small businesses.

Development & Architecture

- Build & maintain Odoo custom modules
- Contribute to Odoo's core & open-source modules
- Python & JavaScript** development
- Integrations with external tools and **APIs**
- Design & build internal tools
- Write & run automated tests
- Manage PostgreSQL **databases** & optimize queries
- Upgrade Enterprise & Community Odoo databases
- Point of sale set up : install & configure devices, network and IoT

DevOps & Management

- Assist & advice on-premise Odoo installation
- Write **GitHub actions**, design custom git flow
- Design & build custom dev environment with **Docker**
- Manage cloud providers services
- Design and improve internal processes & workflows
- Set up code licensing policy and guidelines
- Translate clients needs in technical specifications
- Draft specifications, guidelines & documentation
- Time estimation & tasks planification
- Helpdesk, Customer support

WEBSITE DEVELOPER / 2024

Te Rūnanga o Ngāi Tahu, Ōtautahi/Christchurch, Aotearoa New Zealand

In charge of development and maintenance of ~15 websites and AWS infra.

Development & Architecture

- Maintain, update and develop **SilverStripe** websites
- PHP & JavaScript** development
- Reverse engineer websites structures & features
- Enforce best practices for accessibility, SEO, security, code maintainability
- Reverse engineer deployment & maintenance processes

DevOps & Management

- Implement **Content Security Policy**
- Improve team processes for servers maintenance, **security** and git flow
- Manage hosting, MySQL **databases**, DNS, load balancing on **AWS**
- Draft technical documentation

WEB DEVELOPER & PROJECT MANAGER / 2019-2023

Self-employed, Lyon & Grenoble, France

Running my own 1-person digital agency creating low-carbon footprint websites and applications for various local organizations.

Development & Architecture

- Design, develop & maintain modules and themes for various CMS
- Buid **eCommerce** websites and **web applications**
- PHP & Javascript** development
- Semantic HTML & mobile-first responsive CSS
- Low-carbon footprint design
- Manage MySQL & MariaDB relational databases

DevOps & Management

- Manage **cloud services** on various providers
- Translate user's needs in technical specifications and build solutions
- Implement processes for deployment, backup & recovery
- Draft project documentation
- Time estimation, tasks planification and project followup
- Bridge external collaborators and stakeholders

WEB DEVELOPER & PROJECT MANAGER / 2016-2019

Théra, Tassin-la-Demi-Lune, France

Main developer in a digital, communication & event agency. In charge of various projects from informational websites to event management softwares.

Development & Architecture

- Design, develop & maintain plugins and themes for various CMS
- Buid **eCommerce** websites and **web applications**
- PHP & Javascript** development
- Semantic HTML & responsive CSS
- Implement mock-ups into website themes
- Write HTML email templates
- Manage MySQL & MariaDB relational databases

DevOps & Management

- Design & build internal tools
- Translate user's needs in technical specifications
- Plesk server maintenance & administration
- Implement a git-based deployment process
- DNS & email services configuration and management
- Time estimation, tasks planification and project followup
- Draft project documentation & specifications

COMMUNITY EXPERIENCE

French Climate Citizen Convention (*Convention Citoyenne pour le Climat*) - Paris, France - 2019-2021

Member of an **Assembly** of 150 French citizen randomly drawn, working together to write the new Environment Act. An amazing journey about **politics, environment and collective intelligence**.

Zebrascrossing - Lyon, France - 2015-2020

Community welcoming and supporting neurodiverse persons through an online forum and regular real-life meetings.

REFERENCES

David Brooks, Te Rūnanga o Ngāi Tahu - [Reference letter](#)

Charline Herniot, the Speight's Ale House Wānaka - [Reference letter](#)

Xavier Dullin, Ekno (ex Théra)

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Arue, Tahiti, Polynésie Française

Français (natif), English (fluent), Deutsch (ein bisschen)

CORE VALUES

Transparency - There is no good lie. I value truth at all time.

Integrity - Do the right thing and act for the greater good. No cheating!

Ethic - Because any unfair system is defective.

Respect - It's going with a lot of empathy.

TECHNICAL SKILLS

AKA "the keyword pool"

Programming languages

Python PHP JavaScript HTML CSS

XML

Frameworks & CMS

Symfony Odoo jQuery OWL Bootstrap

SCSS SilverStripe WordPress PrestaShop

Drupal

Management & Coordination

Agile, Scrum workflow Documentation Budget

Task planning Needs refinement Design

Software Architecture

Other/Misc

MySQL/MariaDB/PostgreSQL Linux Git AWS Composer

Docker DNS Responsive design Nextcloud Forgejo

GitHub actions Pelican Markdown

EDUCATION

IT engineering expert Master's degree - 2019

Sciences-U, Lyon, France - Valedictorian

IT Projects Management Bachelor's degree - 2017

Isitech, Lyon, France - Valedictorian

Musicology and History of Art Master's degree - 2011

Université Pierre-Mendès France, Grenoble, France

Scientific Baccalaureate - 2006

Saint Joseph de la Madeleine, Marseille, France

PERSONAL SKILLS

Advanced **reasoning** and **creative thinking**

Resourceful and **adaptable**

Strongly motivated to **understand** how things work

Ability to see the **global picture** with an eagle **eye for details**

Learn concepts **quickly**, and build/develop these concepts

Strong sense of justice and **morality**

Leading by example

Nonviolent **communication**

Impressive **memory**

TECH PROFILE

Quality over quantity

Collaboration over competition

Simple over complex

Planification over improvisation

Linux over everything (but my mom)

A dirty sock over a Microsoft product

INTERESTS

Environment - Nature - Mountain - Hiking - Playing music -

Rock climbing - FOSS - Swimming - Biking - Mensa - Politics -

Video games