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## Mathis Mickael Chatelain

Highly motivated to participate in open-source and ethical projects. Dedicated to learning, growing, and succeeding in software engineering. Eager to collaborate with quality-focused organizations and make a meaningful impact.

## Technical Skills

### Backend

Python  
Django  
Flask

### Front-end

Vue  
React  
JavaScript  
HTML  
CSS

### Code Quality

Technical  
documentation

Documentation and Test  
driven development

### Databases

Postgres  
SQL  
MongoDB

## EXPERIENCE

**Fullstack Developer**, April, 2022 to Present  
**SOCOTEC** - Lyon, Auvergne-Rhône-Alpes

Throughout my initial professional engagement, I had the opportunity to contribute significantly to a pivotal project within the company.

Leveraging cutting-edge tooling, a microservices-based architecture, and a real alchemy between team members, we successfully delivered a high-quality application named AMOS.

Below are some of the key responsibilities I undertook during this project:

- Developed, tested, and deployed scalable, highly available, and modular software.
- Conducted code reviews, addressed debugging issues, and implemented necessary corrections.
- Elevated development methodologies by emphasizing code quality, documentation, and maintainability.
- Facilitated the onboarding of developers on specific topics such as PDF generation and AI-assisted development.
- Designed and implemented interactive user interfaces using Vue.js for the front end.
- Integrated Vue.js components seamlessly with the Django backend to ensure a cohesive user experience.
- Developed RESTful, gRPC empowered APIs and backend functionalities using Django for efficient data processing.
- Collaborated with cross-functional teams to define project requirements and implement features that met business objectives.

## Version Control

Git

## DevOps

Docker

Docker compose

CICD

AWS

## Soft Skills

- Teamwork
- Communication
- Emotional Resilience
- Optimism
- Lightheartedness
- Calm

# EDUCATION

## Professional Diploma in Python Development - 2023

### OpenClassrooms

This comprehensive program provided intensive training in Python programming, web development, and application building.

Key Projects:

1. Refactoring an existing Django app to align with contemporary standards of quality and technical debt reduction.
2. Implementation of testing, documentation, CI/CD, Dockerization, and automated secure deployment on a cloud platform.

## Technical Diploma in Web Development - 2022

### OpenClassrooms

Final Project: Modernization of a legacy app using React, refactoring existing features to enhance UX/UI and application stability.

## Bachelor of Science in Computer Science and Mathematics

### University of Geneva - Genève, GE

Completed three semesters in Computer Science and Mathematics at the University of Geneva before coming back to France for my web developer apprenticeship

#### Key Areas Covered:

- Computer Science Fundamentals: Algorithms, data structures, software engineering, programming languages.
- Mathematical Proficiency: Calculus, linear algebra, discrete mathematics, probability theory.

## Google Data Analyst Certificate

### Coursera - Online Learning Platform

Completed the Google Data Analyst Certificate on Coursera, acquiring practical skills in data analysis and visualization.

#### Key Focus Areas:

- Data Analysis with SQL: Leveraged SQL queries to extract and analyze data.
- Data Cleaning and Processing: Utilized tools like Pandas for cleaning and processing datasets.
- Statistical Concepts: Applied statistical techniques to draw meaningful insights from data.