

# Flávio Alexandre Micheletti

## Senior Python Developer

São Paulo, SP

[flaviomicheletti@hotmail.com](mailto:flaviomicheletti@hotmail.com)

+55 11 93208 7550

Hello, I'm Flávio(45) I've been working in the software development area since 2007.

Passionate for challenges and building things to impact society and people's lives.

Most relevant skills:

- Python,
- JavaScript(Nodejs)
- PHP
- Postgres,
- MySql,
- SQL Server
- Mongodb
- Azure
- Message Queues

I'm looking for remote positions.

Disponibilidade de mudança para: Qualquer lugar

## Experiência Profissional

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### Senior Python Developer

Poliedro Educação - São Paulo, SP

Junho de 2021 a Data Atual

I lead a team of 15 professionals.

I helped the company complete important projects.

Designing and creating microservices with 100% unit test coverage.

I created the TDD culture.

I designed a messaging architecture (queues).

Acting as an Architect, designing the solutions.

Acting as DevOps, managing and configuring Azure cloud and the AzureDevOps tool.

Tools: JavaScript(Nodejs), Python, Postgres, SQL server.

Cloud: Kubernetes (aks), Kustomize, Docker (Container Registries), App Service (Azure), functions (lambdas), queues(ServiceBus).

## **Software Engineer Nodejs**

Midway - São Paulo, SP

Fevereiro de 2020 a Maio de 2021

I worked mainly as a Nodejs developer on the Back End, developing functions(lambdas), Microservices and BFF.

I helped to develop the SuperApp (Mobile) BFF using GraphQL

I have strongly influenced the TDD culture, our goal was always 100% coverage.

Acting lightly as DevOps and as an Architect. I designed an event-driven solution using queues and functions in Azure. I created the pipelines (CI/CD), configured resources in Azure.

We used both AWS and Azure Cloud, including AzureDevOps.

In our Technical Forum, I had the opportunity to speak about TDD to the company's team.

I also spoke about Service Bus, the Azure message queue (messaging architecture).

Tools: JavaScript(Nodejs), Serverless, Kanban and Scrum.

Cloud: functions (lambdas), queues(servicebus), AzureDevOps, API Gateway, Application Insights, Azure Event Hub

## **Tech Lead**

Iterative - São Paulo, SP

Dezembro de 2018 a Fevereiro de 2020

In the Veloe project, I worked with Microservices (hexagonal architecture).

I had a very remarkable experience with the Agile methodology (Scrum).

In the RoadCard project I had the pleasure of leading a team of 8 senior professionals (an exceptional team).

That was a waterfall project. Lots of discussions about software requirements, UX/UI, integrations and architecture.

I designed all the data modeling.

I had the opportunity to speak with the company's developers at a Techour event about TDD. See publications...

[Http: //bit. Ly/39qtuv1](http://bit.ly/39qtuv1)

[http: //bit. Ly/39xxbee](http://bit.ly/39xxbee)

I had the opportunity to speak about TDD to the Carrefour bank's team of developers.

Tools: Java on BackEnd and Angular on FrontEnd, Postgres and Cucumber.

Cloud: Dynamodb, lambdas, queues (SNS/SQS), AzureDevOps, API Gateway

### **Senior Python Engineer**

DOM Brasil Diagnósticos - Vila Olímpia, SP

Junho de 2008 a Dezembro de 2018

It was a very rich experience that I had.

I started at this company as a Junior, then I was promoted to Analyst, then to Senior, and ended up as Tech Lead.

I acted as Full Stack (at that time with pure js in front)

I was especially careful with UX and UI issues.

Since then, I've been looking for 100% coverage in unit tests, integration tests and E2E tests.

By 2009 I already had a team to lead.

Tools: Python, PHP, Nodejs, TDD, XP (Extreme Programming)

### **Internship Software Development**

Volkswagen do Brasil - São Paulo, SP

Janeiro de 2007 a Dezembro de 2007

I made (almost alone) a complete application:

- backend,
- frontend,
- data modeling,
- business rules,
- tests.

This application was very much used by the Engineers team.

## **Escolaridade**

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### **Pós-Graduação cursando ou interrompida - Software Architecture and DevelopmentMaster MBA**

USCS - Universidade Municipal de São Caetano do Sul - São Caetano do Sul, SP

Agosto de 2019 a Novembro de 2021

## **Ensino Superior completo - Computer and Information Systems Security/ Information Assurance Bachelor's**

FATEC São Caetano do Sul - São Paulo, SP

Janeiro de 2008 a Dezembro de 2011

## **Ensino Técnico completo - Associates (technical course)**

ETE Lauro Gomes - São Bernardo do Campo, SP

Julho de 2006 a Dezembro de 2007

## Habilidades e Competências

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- Back-end (Mais de 10 anos)
- AWS
- Python Avançado (6 anos)
- Azure (5 anos)

## Idiomas

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- Inglês - Fluente

## Links

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<http://devfuria.com.br/>

<https://github.com/flaviomicheletti>

<https://www.linkedin.com/in/flaviomicheletti/>

## Publicações

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### **Python articles and blog post**

<http://devfuria.com.br/python/>

Janeiro de 2012

### **TDD articles and blog post**

<http://devfuria.com.br/tdd/>

Janeiro de 2012

### **Teaching other people to code**

[https://www.linkedin.com/posts/flaviomicheletti\\_nodejs-activity-6629826199386419201-1T0m?utm\\_source=share&utm\\_medium=member\\_desktop](https://www.linkedin.com/posts/flaviomicheletti_nodejs-activity-6629826199386419201-1T0m?utm_source=share&utm_medium=member_desktop)

Fevereiro de 2020