

ORLANDO, FL 32824

321-330-5467 / ggafr@gmail.com

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

GILBERTO ABRAO

SKILLS

Python · FastAPI · Django · Celery · SQLAlchemy · Alembic · PostgreSQL · SQL Server · CI/CD · Docker · Terraform · AWS ECS · AWS ECR · AWS SES · AWS SQS · AWS Fargate · AWS S3 · Problem Solving · Back-End Web Development · Amazon SQS · AWS Selling Partner API · Parallel Programming · API Development · Representational State Transfer (REST) · KeyCloak · Git · GitHub · Heroku · Sentry · Azure DevOps · Scrum

ABOUT

I've been working as a software developer since 1999, I've already worked on the most diverse types of projects, most of them focused on corporate administration such as ERP, CRM, Order Automation, among others, both in desktop and web applications.

Since 2020 I have been part of the IT team at INFINITIBANK, where I work as a Software Engineer both in the maintenance of legacy applications and converting the legacy into microservices.

Lately, I have been focusing my career on specializing in the Python stack, more precisely in the backend stack, where I can put into practice all my experience and know-how gained in these almost 25 years of coding.

Professionally, I see myself as a "problem solver" through computational tools. But I bring a strong concern with the quality of the code I produce, always observing its efficiency, security, and maintainability. The solutions that come in ALWAYS need to be a valuable asset to the client.

I invite you to explore my profile and learn more about my experiences, skills, and professional achievements.

EXPERIENCE

Senior Software Engineer

INFINITIBANK

<https://ininitibank.com.br>

APRIL 2020 - PRESENT

I work as a Software Engineer both in the maintenance of legacy applications but mainly in the analysis and creation of new services that will replace the current monolithic platform.

Skills:

Python · FastAPI · Django · Celery · SQLAlchemy · Alembic · PostgreSQL · SQL Server · CI/CD · Docker · Terraform · AWS ECS · AWS ECR · AWS SES · AWS SQS · AWS Fargate · AWS S3 · KeyCloak

Achievement:

- Creation of the back office system for Linkpay, one of the group's companies. This system included:
 - management of financial transfers to clients' beneficiaries;
 - automatic billing messages;
 - allowed the company to reduce dependence on legacy software that was already obsolete and paved the way for commercial expansion;
- Asynchronous Split: was an evolution to automate the distribution of prizes in an asynchronous and decoupled way, bringing security to the process that was complex and subject to more failures. From this resource, the operation area was able to make the SPLIT much faster, gaining productivity. Currently, this routine is capable of performing 32,000 transactions monthly.
- Linkpay's corporate customer portal, where customers can create orders, register beneficiaries, and track payment of slips and commissions. It was and is extremely useful for the company, it is still used today.
- Backend for Linkpay's new home banking platform, this new platform now has an operations token with a private key for financial transaction operations, adding quality and speed.
- SingleSignOn: in this case, we implemented the KeyCloak tool as a single centralized authentication and authorization system, in this way the company now has a central point for authentication, and as a result, it allowed progress in the project to convert monolithic legacy systems to the new multi-service architecture.
- ERP integration where the Service Order API was created, which we integrated with Omie's ERP, so we started issuing NFe (electronic invoice) automatically for each SPLIT performed, the result of this automation allowed us to unburden the operations area, today this API issues almost ten thousand invoices per month.

Senior Software Developer

MINASOFT SISTEMAS

FEB 2008 – MAR 2020

I was the director of MINASOFT SISTEMAS, where we develop desktop, web, and mobile applications. We had many own products, such as a system for Sales Rep and POSVirtual for online payments. I was responsible for software and database architecture and new business prospecting.

Skills:

PC SOFT Windev • SQL Server • Python • Dialog Flow • PostgreSQL • Software Architect • Product Architect

Software Developer

SISTEMAIS INFORMÁTICA

MAY 2003 – JAN 2008

I was a co-owner of the SISTEMAIS INFORMÁTICA. I was responsible for converting the CLIPPER software legacy into Microsoft Windows technology using Visual Basic 6 and MSSQL-Server. I converted all of the ERP modules to Visual Basic 6, like Storage Control, Finance Control, Sales Control, Tax Control, and Manufacture Control. I created the Web Sales Force Automation module with ASP 3.0 and MS-SQL SERVER.

Skills:

SQL Server • Visual Basic 6 • Algorithms • Problem-Solving • Back-End Web Development • ASP 3.0

EDUCATION

Business Administration – Bachelor Degree

Centro Universitário Governador Valadares – UNIFAGOC
<https://unifagoc.edu.br>

JUN 2006 – JUN 2010

Bachelor Degree

Computer Science – Technical Degree

Centro Universitário Presidente Antônio Carlos – UNIPAC
<https://www.unipac.br>

JAN 2000 – DEZ 2002

Technical Degree

COURSES

- **Curso de Programação em Python - do básico ao avançado**
Udemy UC-a058b014-ec18-4f51-99a3-f4aa9bc7b621
- **Programação Web com Python e Django Framework**
Udemy UC-7f462422-57f7-4fd2-ad2d-c58febea715a
- **Introduction to Data Science**
Data Science Academy
- **Fundamental Big Data**
Data Science Academy
- **Big Data Analytics com R e Microsoft Azure Machine Learning**
Data Science Academy 5e53d600e32fc3575405ae1f
- **SQL Alchemy: Essencial**
Udemy UC-874ed835-4138-4f72-b756-56823253b771
- **FastAPI-APIs Modernas e Assíncronas com Python**
Udemy UC-804118a0-791a-4efe-9e6f-bfc4f55e19a2
- **Programação Concorrente e Assíncrona com Python**
Udemy UC-054f78ca-5d3b-431f-90ba-a6c1b225bd87
- **Crie APIs REST com Python e Django REST Framework**
Udemy UC-1cb9a54f-f8e6-4d33-af81-9bc8db8330b7
- **Design Patterns with Python**
Udemy UC-49610235-3d50-45e7-a8c0-1ec007985c0f
- **Curso de RabbitMQ**
Full Cycle fbd5b305-3aa0-45df-845b-2ab14bb75040
- **Deploy Serverless Django web app with AWS Fargate**
Udemy UC-6e96d012-e817-4f40-9807-c0b895fc15c2
- **Autenticação KeyCloak**
Full Cycle 7874cf67-426d-43cf-a5c3-cc91519e9b70
- **Docker**
Full Cycle 1b710112-bb96-47dc-a37f-6a56fcd8d030
- **Terraform**
Full Cycle fcc7387b-1fe0-4d9b-9c4b-9c90215ab4b2