

## Contato

+55 14 981359266 (Mobile)  
ferrerallan@gmail.com

www.linkedin.com/in/allan--ferreira  
(LinkedIn)  
ferrerallan.github.io/ (Portfolio)

## Principais competências

Next.js  
Leadership  
Amazon CloudFront

## Languages

Inglês (Professional Working)

## Certifications

Microsoft Certified: Azure  
Fundamentals  
Professional Scrum Master™ I (PSM  
I)  
AWS Certified Solutions Architect –  
Associate  
AWS Certified Cloud Practitioner  
Microsoft Certified: Azure Developer  
Associate

## Publications

O problema da queda do paciente  
hospitalizado: uma ontologia para  
classificação do risco de quedas

Servidor de terminologias para  
a identificação e padronização  
de conceitos médicos a partir de  
anotações clínicas

# Allan Ferreira

Fullstack Engineer | Cloud Architect | MSc in Info Science | AWS  
SAA-C03✓ | Azure AZ-204✓ | PSM I ✓  
Marília, São Paulo, Brasil

## Resumo

18 years of experience in solving problems through software  
development.

- ✓ Solid experience in backend and frontend development;
- ✓ Solid experience in leading and training agile development and  
transformation teams;
- ✓ Solid experience in architecture and software engineering,  
mastering Clean Architecture, SOLID and Design Patterns;
- ✓ Solid experience in the area of artificial intelligence, with  
proficiency in machine learning and ontologies.
- ✓ Solid experience in building models for data interoperability, ETL  
processes and data warehouse modeling;
- ✓ Hands on profile, simple, communicative, humorous and driven by  
purpose.

## Stack:

- ✓ Python | Javascript | typescript | C# | PLSQL | shellsript
- ✓ Django | Flask | NodeJS | .NET Core
- ✓ ReactJS
- ✓ Azure Cloud
- ✓ AWS Cloud
- ✓ Oracle | postgre | MySQL | SQL Server | MongoDB | DynamoDB |  
CosmosDb | Redis | GraphDB
- ✓ Rabbitmq | SQS | ServiceBus
- ✓ Chatbots with DialogFlow
- ✓ Machine Learning
- ✓ Pentaho tools

---

## Experiência

Sofa Digital  
1 ano 9 meses

## Head of Technology

agosto de 2023 - Present (9 meses)

- Team Management
- Cloud Architect
- Fullstack engineer
- AI development
- stack: Python, React.js, Next.js, Flask, Django, C#, dotnetcore, AWS
- Design of cloud solutions in AWS environment
- Development of microservices and architecture based on events with AWS Lambda, SQS, EventBridge, ECS, EC2, RDS, ECR.
- Software development for internal process automation, interoperability with streaming platforms such as Amazon, Netflix and Itunes
- Information architecture modeling, building data warehouse with pentaho tools

## Fullstack Engineer

agosto de 2022 - agosto de 2023 (1 ano 1 mês)

- Fullstack engineer
- stack: Python, React.js, Next.js, Flask, Django, C#, dotnetcore, AWS
- Design of cloud solutions in AWS environment
- Development of microservices and architecture based on events with AWS Lambda, SQS, EventBridge, ECS, EC2, RDS, ECR.
- Software development for internal process automation, interoperability with streaming platforms such as Amazon, Netflix and Itunes
- Information architecture modeling, building data warehouse with pentaho tools

## Centro Paula Souza

### Teacher

maio de 2023 - janeiro de 2024 (9 meses)

Garça, São Paulo, Brazil

Teaching classes in the disciplines:

- Advanced programming techniques
- cloud manufacturing

## Sofya

### Backend Developer | Ontologist

março de 2022 - maio de 2023 (1 ano 3 meses)

São Paulo, Brazil

- Backend developer in AI healthtech solutions
- Solutions Architect
- Data Interoperability | FHIR
- GraphDB | Ontologies

-Python | C# | .NET CORE

-AWS

### Bitzar Solutions

Software Engineer

março de 2022 - agosto de 2022 (6 meses)

-Software development in a cloud environment, such as routines based on events, queues, topics, servless routines.

-Backend development of routines for provisioning data interoperability between organizations

-Development of custom queries such as views and stored functins for use in dashboards

- Dashboard development

-stack: C#, dotnetcore, Azure environment, Service Bus, EventGrid, SQL Server, BlobStorage, Azure Functions, Power BI

### Hospital das Clínicas da Faculdade de Medicina da USP

Tech Lead | Software Architect | SCRUM Master

janeiro de 2019 - fevereiro de 2022 (3 anos 2 meses)

Marília

-Techlead

-Development of scalable software architectures with best practices, such as clean architecture and design patterns

- Development and coordination of teams with agile practices and using technologies such as nodejs, C #, python, react, react native, windows forms, oracle, mysql, postgresql, mongodb and graphdb.

-Development of interoperability between legacy software, with microservices and custom routines.

-Development of automated tests.

-Development of BI architecture and ETL processes

### Representanet

Full Stack Developer

janeiro de 2010 - janeiro de 2022 (12 anos 1 mês)

Founder and developer of the website [www.representanet.com.br](http://www.representanet.com.br), a complete solution for commercial representatives

### Faculdade de Medicina de Marília - FAMEMA

Analista de sistema

outubro de 2008 - janeiro de 2020 (11 anos 4 meses)

Marília e Região, Brasil

- Analysis, modeling and architecture of hospital systems using .NET (Web and Windows), C#, WPF, PHP
- Leader of the systems area implementing agile methodologies such as SCRUM and Kanban.
- Acting as R&D with the development of own components for reuse and facilitation of the development team.
- Training of development teams
- Data analysis for decision making with MACHINE LEARNING
- Development of fullstack solutions with IOT using arduino
- Mobile Development with Xamarin Forms, Oracle Forms and Reports, Oracle database and Mysql
- Development of stored procedures, jobs and APIs

### AFL Sistemas Ltda.

Programador de software

maio de 2005 - outubro de 2008 (3 anos 6 meses)

Marília e Região, Brasil

Activities performed:

Clipper-Programmer (Payroll and HR systems),

Object Pascal with Delphi (Training systems, Fleets, Billing, DRH, Audiometry, among others on demand),

ASP.NET C# (Intranets, websites, and integrations with other training systems, such as Claroline), Oracle PL/SQL (Programming of functions, procedures, triggers, JOBS and automation cursors)

---

## Formação acadêmica

Universidade Estadual Paulista Júlio de Mesquita Filho

Master's degree, Information Technology · (fevereiro de 2022 - 2024)

Instituto de Gestão e Tecnologia da Informação

MBA in Machine Learning · (2019 - 2020)

UNIVEM - Centro Universitário Eurípides de Marília

Bachelor's degree, Computer Science · (janeiro de 2003 - dezembro de 2006)

UNIVEM - Centro Universitário Eurípides de Marília

Postgraduate Degree in Web Systems development · (2006 - 2007)