

Contato

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(LinkedIn)
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Principais competências

Machine Learning
Amazon Web Services (AWS)
University Teaching

Languages

Inglês (Professional Working)

Certifications

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

Publications

Semantic mapping model between ICD-10 and SNOMED-CT health terminologies
The problem of hospitalized patients falling: an ontology for classifying the risk of falls
Terminology server for identifying and standardizing medical concepts from clinical notes

Allan Ferreira

Fullstack Engineer | MSc in Info Science | AWS 2x | Azure 2x | Blockchain
Marília, São Paulo, Brasil

Resumo

I am a full stack engineer with experience in agile teams leading, design of cloud architectures, AI solutions and web3 applications. I have experience with C#, Python, JavaScript, Java, Solidity, and various frameworks.

My expertise includes machine learning, ontologies, data interoperability, ETL processes, and data warehouse modeling. I hold certifications in AWS, Azure, and Scrum. I have completed a Master's in Information Technology. I enjoy solving complex problems, learning new technologies, and creating value through software.

Experiência

Sofa Digital

2 anos 2 meses

Head of Technology

agosto de 2023 - Present (1 ano 2 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

Universidade de Marília

Teacher

agosto de 2023 - março de 2024 (8 meses)

Marília, São Paulo, Brazil

Cloud Computing & Devops

Developed and delivered comprehensive course materials for the DevOps & Cloud Computing discipline, including authoring a book and recording video lectures. The course covered key topics like CI/CD, automation, and monitoring using tools such as AWS, Docker, Kubernetes, Prometheus, Scrum and so on. Focused on equipping students with practical skills and best practices for deploying and managing scalable, agile cloud infrastructures.

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, a complete solution for commercial representatives

Faculdade de Medicina de Marília - FAMEMA

Programmer

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.

Programmer

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)