Contact

Montreal - QC
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rondweb@gmail.com

www.linkedin.com/in/rondweb
(LinkedIn)
leaftix.com/blogtech (Blog)
github.com/rondweb/ (Personal)

Top Skills

Python (Programming Language)
MLOps
Microsoft SQL Server

Languages

Espanhol (Limited Working)
English (Full Professional)
French (Full Professional)
Português (Native or Bilingual)

Certifications

RESTFul API with ASP.NET Core 3
Python for Deep Learning - Building
ANN and CNN
Elementor and Wordpress for
Startups and Freelancers
Microsoft Azure
DevOps - The Big Picture

RONALDO ANDRADE

CEO at Leaftix Inc.
Montreal, Quebec, Canada

Summary

I am Ronaldo Andrade, a professional IT with over 15 years
of experience in web development and AI engineering. I have
successfully delivered various web development and AI projects
using a wide range of technologies, such as .NET, Python, R,
SQL, JavaScript, HTML, CSS, TensorFlow, Keras, SciPy, FastAPI,
Django, Flask, LINQ, Jquery, Angular, Kubernetes, Docker, SCRUM,
AWS Cloud, Microsoft Azure, Google Cloud, PostgreSQL/PostGIS,
SQL Server, Oracle, MySQL, NoSQL, Jenkins, Git, Gitlab, GitHub,
and Azure Pipelines.

I have a proven track record of developing and deploying scalable,
secure, and user-friendly web applications and AI systems for
diverse domains, such as e-commerce, education, healthcare,
and finance. I have completed over 50 projects, serving more than
30 clients, improving the performance and quality of the systems
by 50%. I have also demonstrated my ability to work effectively in
cross-functional teams, communicate clearly with stakeholders, and
manage multiple tasks and deadlines.

I am passionate about learning new skills and technologies, and I
am always looking for new challenges and opportunities to grow as
a professional. I am currently specializing in the integration of AI and
IoT, which is an emerging and exciting field in the IT industry. I am
fluent in Portuguese, English, French and Spanish.

If you are looking for a reliable, creative, and enthusiastic IT
professional who can deliver high-quality results and add value
to your business, I would love to hear from you. Please feel free
to contact me at any time to discuss how I can contribute to your
organization's success.

Experience

Leaftix
Chief Executive Officer
May 2023 - Present (11 months)
Montreal, Quebec, Canada

I am the founder of Leaftix, a SaaS AI food production technology company that develops data-driven solutions for agriculture and agri-food industries. I have a strong background in cloud computing, web development, AI, and IoT, and I use various technologies such as Docker, Kubernetes, Pipelines, Microsoft Azure, and Python to create innovative and scalable products.

I have successfully designed and implemented the structure of cloud services, using Docker and Kubernetes to ensure the reliability and security of the applications. I have also analyzed and created the pilots of web projects and AI applications using Python as the programming language, applying deep learning and machine learning techniques for predictive analytics. Additionally, I have created IoT prototypes for weather monitoring and control of the environment, using sensors and actuators to collect and process data.

As the founder of Leaftix, I have also performed administrative tasks, such as managing the budget and negotiating contracts.

FX Innovation
MLOPS Engineer
December 2022 - April 2023 (5 months)
Montreal, Quebec, Canada

As a MLOps Engineer with extensive experience in cloud infrastructure development and management in a leading bank in Montreal, I specialize in utilizing cutting-edge technologies and industry best practices to build, deploy and maintain complex machine learning pipelines. I excel in leveraging Azure DevOps and AWS ecosystem including AWS Sagemaker, AWS EC2, AWS RDS, AWS CloudFormation, AWS Cost Explorer, and AWS CloudWatch to create and manage highly scalable and secure infrastructure for MLOps.

My skills and expertise in designing and implementing robust MLOps pipelines allow me to help organizations automate their machine learning workflows and improve the accuracy and efficiency of their models. With a keen eye for detail and a passion for delivering high-quality work, I collaborate with cross-functional teams to ensure seamless integration between different components of the MLOps infrastructure.

Whether it's building data pipelines, managing data warehouses, deploying and managing containerized applications, or monitoring system health, I'm adept at leveraging my knowledge of MLOps tools and technologies to create optimized and reliable infrastructure. My strong problem-solving skills, attention to detail, and ability to work under pressure have enabled me to deliver exceptional results on time and within budget.

Overall, I am a highly skilled MLOps Engineer who combines technical expertise with project management skills to design and implement scalable, secure, and high-performing infrastructure for machine learning operations.

Technologies:
- Amazon AWS;
- Microsoft Azure (CI/CD);
- Python 3.9;
- Kubernetes;
- Docker;
- Denodo;
- Databricks;
- Snowflake.

FX Innovation
Full Stack Developer
November 2021 - September 2022 (11 months)
Montreal, Quebec, Canada

In addition to my extensive experience in API, ETL, and Pipelines development, I had the unique opportunity to work with the largest aerospace company in Canada. As a key member of the team, I played a critical role in developing and maintaining solutions that supported multiple applications of VR flight simulators for both civil and military purposes.

I have been actively involved in all aspects of development, including architecture, analysis, testing, and implementation. By leveraging the latest tools and technologies, I have ensured that the solutions I develop meet the highest quality standards. I have also played a pivotal role in ensuring that our systems are continuously integrated and deployed using Microsoft Azure Pipelines, thereby ensuring smooth and seamless delivery.

Additionally, I am well-versed in using Black/Pylint for code quality and tests, and have gained experience in scripting Power Shell and Bash to automate

tasks. This expertise has enabled me to optimize our systems for peak performance while minimizing downtime.

Technologies:
- Microsoft Azure (CI/CD);
- Python 3.9;
- Kubernetes;
- Docker;
- Platform: Windows 10, Ubuntu 21.

Loopsin
DevOps Developer Python
August 2021 - November 2021 (4 months)
Montreal, Quebec, Canadá

- Development and maintenance of a Web Based CRM - Customer Relationship Management using technologies:
- Python 3.9 ;
- Web framework Flask;
- Database PostgreSql 13;
- Participate in the various aspects of development: architecture, analysis, testing, development;
- CI/CD of the system using AWS, GIT, Bitbucket, Jenkins for pipelines;
- Black/Pylint for code quality and tests;
- Celery / Flower for management of scheduled tasks;
- Platform: Windows 10.

Cofomo
DevOps Tech Lead
March 2021 - August 2021 (6 months)
Montreal, Quebec, Canadá

- Participate in the different aspects of development: architecture, analysis, tests, back-end, front-end ;

- Carry out preliminary and functional analysis;

- Write the appropriate documentation to ensure the continuity and maintainability of the application;

- Participate in the improvement of software development practices within the team (DevOps, etc.);

- Maintain and ensure the evolution and respect of the solution architecture in alignment with best practices;

- Help the team adopt modern cloud computing development standards including architecture, DevOps and unit testing;

- Ensure that the product code conforms to the established architecture;

- Contribute to the development of technological orientations;

- Identify opportunities for improvement and collaborate on their implementation.

Technologies used:
- Microservices with .Net Core c# 3.1;
- Kubernetes 1.X;
- Docker;
- GitLab (CI/CD);
- Postgres SQL;
- Kong Api Getway;
- Kuma Mesh.

Grupo GFT
Web Application Developer
June 2020 - March 2021 (10 months)
Quebec, Canadá

Develop and maintain the internal systems of the bank Desjardins.

Cofomo Québec
Programmer Analyst
January 2019 - June 2020 (1 year 6 months)
Quebec, Canadá

Develop and maintain the internal systems of the Quebec Ministry of Justice.

Technologies used:
- ASP.NET 5;
- C#;
- VB.NET;
- SqlServer;

- Microsoft TFS.

Agronow
Data Scientist
January 2018 - December 2018 (1 year)
São José dos Campos e Região, Brasil

Develop a web system based on satellite images
(Landsat 8 and Sentinel 2) using Python 2.7 technology with
Django 1.6 to estimate agricultural production. The system uses satellite
imagery (Landsat 8, Sentinel 2). To establish a table of current and future
agricultural production. Use of data mining techniques to make classifications
Supervised and unsupervised with the SciPy framework.

Technologies used:
- Python;
- Pandas;
- Django;
- SciPy;
- NumPy;
- Ipython Notebook;
- PostgresSQL (PostGIS);
- Amazon AWS;
- Docker.

https://www.agronow.com.br/

INPE
Programmer Analyst
October 2015 - January 2018 (2 years 4 months)
São José dos Campos Area, Brazil

Develop a web-based fire monitoring system for Brazilian forests, using
Landsat 8 satellite imagery, Python 2.7 technology with Django and
PostgreSQL 9 database.

Technologies used:
- Python 2.7;
- Python Pandas;
- R;
- RStudio;
- Django 1.9;

- Laravel 5.1;

- PostgresSQL (PostGis);

- AngularJS;

- Jquery;

- QGIS;

- NumPy;

- Ipython Notebook;

- GeoServer;

- MapServer.

http://www.inpe.br/queimadas

YelloHello
Senior Programming Analyst
August 2009 - August 2015 (6 years 1 month)
São Paulo e Região, Brasil

● Create and maintain a CRM web system using .NET 4.5 C #,
ASP.NET MVC 3.0 (back-end), JQuery 1.9, JQuery UI 1.0, Ajax
(frontend), Microsoft Visual Studio 2012 (IDE);
● Create and maintain an offline system to synchronize with the
client database (Oracle 11g) using .NET 4.5 C #;
● Create and maintain SQL Server 2008 databases;
● Organize meetings with system users to evaluate their
needs and manage their expectations.

Editora Abril
Web System Developer
May 2008 - August 2009 (1 year 4 months)
São Paulo e Região, Brasil

● Créer un système web pour la publication des photos en utilisant .NET
2.0 C#, ASP.NET MVC 1.0 (back-end), JQuery 1.0, Ajax (front-end),
Microsoft Visual Studio 2005 (IDE), méthodologie de développement
agile Scrum;
● Créer les bases de données sous SQL Server 2005.

Pekus
Web System Developer
October 2007 - May 2008 (8 months)
São Paulo e Região, Brasil

- Create a web system to assess the viability of building a business using .NET 2.0 C # (back-end), JQuery 1.0, Ajax (frontend), Microsoft Visual Studio 2005 (IDE);
- Create the SQL Server 2005 databases.

Focusnetworks
Software Developer Internship
2006 - 2007 (1 year)
São José dos Campos e Região, Brasil

Internship in the web development with ASP.NET C# 2.0

Education

IBTA
Internet Systems Technologist, Internet Systems · (2005 - 2007)

Universidade de Taubaté
BUSINESS INTELLIGENCE PROJECT MANAGEMENT, BUSINESS INTELLIGENCE · (2015 - 2016)

Collège de Bois-de-Boulogne
Technical Specialization in Artificial intelligence, Artificial Intelligence · (October 2022)