

Wilson Ricardo Pereira Silveira

Python Developer

+ FLUTTER

E-MAIL

wilsonricardopereirasilveira@gmail.com

PHONE

+55 (11) 95154-0122

Education

GRADUATE STUDIES - SOFTWARE ENGINEER

2024

Universidade Cruzeiro do Sul / São Paulo

UNIVERSITY - ANALYSIS AND SYSTEMS DEVELOPMENT

2022 - 2023

Universidade Cruzeiro do Sul / São Paulo

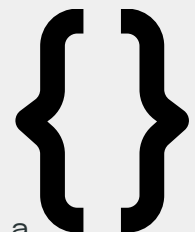


About

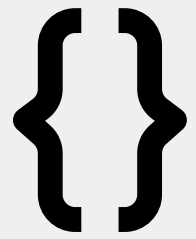
Senior Python Developer with a solid foundation in back-end architectures and a distinguished track record in development and test automation. I am well-versed in cutting-edge technologies, such as Docker, Kubernetes, and Jenkins, and possess an in-depth understanding of cloud services, including GCP, AWS, and Azure. I am recognized for my expertise in Python and Go, showcasing a notable mastery over frameworks like Django and Flask.

Furthermore, I have hands-on experience in web system development and in the creation of microservices-based APIs. My professional journey encompasses the implementation, documentation, and testing of APIs using Python paired with the Flask framework. I am deeply acquainted with PostgreSQL, complemented by my use of SQL-Alchemy and Alembic. I adeptly employ GIT for version control and have worked with repositories like Azure DevOps and Github. I have a strong affinity for Linux environments and uphold the Scrum methodology in my endeavors. My staunch belief in the BDD and TDD testing paradigms is evident through my extensive use of PyTest. My commitment to process optimization and modernization shines through my frequent utilization of Docker containers.

In tune with the evolving landscape of mobile development, I am currently diving deep into Flutter, further broadening my horizons and gearing up to embark on ventures leveraging this dynamic framework in the near future.



Specialization areas



Languages: Python, Java and Go

Frameworks:

- Back-end: Django and Flask
- Front-end SPA: Angular
- Testing: unittest, pytest, Selenium WebDriver and Appium
- OMR: Django ORM, Flask-SQLAlchemy and Alembic

Databases:

- Relational: SQLite, PostgreSQL, Oracle and MySQL
- Non-Relational: MongoDB

Messaging: Nats

Infrastructure & Monitoring:

- Orquestration: Kubernetes
- CI/CD: Jenkins
- Monitoring & Analysis: NewRelic, Splunk and Grafana

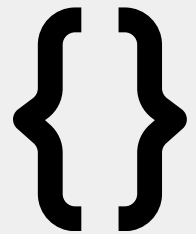
Code Management: Git, Github, Bamboo and Azure Repos

Collaboration: Proficiency in Jira, Confluence and Postman

Cloud Plataforms: Expertise abrangente em GCP, AWS e Azure

Agile Methodologies: Deep immersion in Scrum, Kanban, BDD and TDD

Professional Experiences



SENIOR PYTHON BACK-END DEVELOPER | MERCADO BITCOIN

DEC / 2022 - PRESENT

- **Languages & Frameworks Proficiency:** Developed and maintained robust applications utilizing Python with Django and Flask frameworks, as well as Go.
- **Database Management:** Advanced experience with database management systems such as MySQL and PostgreSQL, ensuring data integrity, security, and optimization.
- **Version Control & Repository Management:** Utilized GIT as a version control system, maintaining codes and projects on the GitHub repository, fostering collaboration and traceability.
- **Cloud Computing:** Demonstrated proficiency in cloud platforms, specifically GCP (Google Cloud Platform) and AWS (Amazon Web Services), ensuring scalability and availability of applications.
- **Continuous Integration & Orchestration:** Implemented CI/CD processes with Jenkins, integrated and orchestrated by Kubernetes, to automate deployments and ensure consistent deliveries.

SOFTWARE ENGINEER | B3 - A BOLSA DE VALORES DO BRASIL

JUL / 2021 - DEC / 2022

- **Java Development & Database:** Developed robust Java applications, integrating directly with Oracle Database via JDBC, ensuring data efficiency and integrity.
- **Process Automation & Reporting:** Crafted automations using Python to optimize processes and generate reports, employing tools like Bamboo and JMeter, ensuring operational efficiency and actionable insights.
- **Documentation Management & Feature Descriptions:** Was responsible for documenting and outlining new features in Confluence, providing clarity and alignment between the development teams and stakeholders.
- **Agile Project Management:** Actively engaged in using Jira, implementing the Scrum methodology for sprint execution. Was committed to the planning, execution, and review of tasks, ensuring agile and high quality deliveries.
- **Behavior-Driven Development (BDD):** Employed the BDD approach for test writing and execution, ensuring that the software met end-user expectations and maintained strict quality standards.

BACK-END SOFTWARE ENGINEER - CAIENA DESIGN E TÊCNOLOGIA

MAY / 2021 - JUN / 2022

- **Web Development & Microservices:** Leadership in designing and implementing robust web systems and microservices, ensuring efficiency, scalability, and seamless integration.
- **Expertise in Python & Flask:** Utilized Python with the Flask framework as the primary back-end development tool, focusing on code optimization and quality.
- **PostgreSQL Database Management:** Worked with PostgreSQL, integrating it via SQL-Alchemy and managing migrations using Alembic, ensuring data integrity and performance.
- **Version Control & Repositories:** Employed GIT as the version control system, collaborating on projects hosted on both Azure DevOps and GitHub.
- **Linux Environment & Scrum Methodology:** Operated in Linux environments, enhancing system stability and security. Additionally, worked under the Scrum methodology, ensuring agile and efficient deliveries.
- **BDD & TDD Testing:** Engaged in test creation using BDD (Behavior-Driven Development) and TDD (Test-Driven Development) approaches with PyTest, reinforcing application reliability and quality.
- **Expertise in Containers:** Proficient in using Docker, ensuring application portability, isolation, and efficient deployment.

SENIOR DEVELOPER - VERICODE TRUSTING DIGITAL TECHNOLOGIES

JAN / 2021 - MAY / 2021

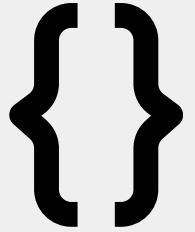
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SENIOR DEVELOPER - PRIMEUP THE SOFTWARE ECONOMICS

MAR / 2020 - DEC / 2020

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Certificates



LEARN FLUTTER AND DEVELOP APPS FOR ANDROID AND IOS 2022
UDEMY - AUGUST / 2023

DART, FROM BASIC TO ADVANCED (+ REST API)
UDEMY - JULY / 2022

FLUTTER FUNDAMENTALS: CREATE YOUR FIRST APP
ALURA - SEPTEMBER / 2021

SCRAPING WITH PYTHON: COLLECTING DATA FROM THE WEB
ALURA - AUGUST / 2021

DOCKER: CREATING CONTAINERS WITHOUT THE HEADACHE
ALURA - JUNE / 2021

FLASK PT 2: ADVANCING IN WEB DEVELOPMENT
ALURA - MAY / 2021

FLASK PT 1: CREATE A WEBAPP WITH PYTHON 3
ALURA - MAY / 2021

MACHINE LEARNING: CLASSIFICATION BEHIND THE CLOTHES
ALURA - MAY / 2021

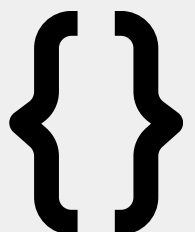
AUTOMATED TDD TESTS WITH PYTHON
ALURA - MAY / 2021

MACHINE LEARNING: INTRODUCTION TO CLASSIFICATION WITH SKLEARN
ALURA - MARCH / 2021

ADVANCED DJANGO 2.0
UDEMY - DECEMBER / 2020

DEVELOP AN APPLICATION WITH DJANGO 2.0
UDEMY - SEPTEMBER / 2020

Talk to me



LINKEDIN



GITHUB



WHATSAPP