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# DANIEL SCHEIDEMANTEL CAMARGO

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## PROFESSIONAL SUMMARY

Experienced Senior Python Software Developer with over 8 years of expertise in building scalable, reliable and efficient systems. Proven track record of driving successful back-end and cloud-based projects, primarily RESTful APIs and cloud platforms such as AWS, GCP, and Azure. Skilled in microservices architecture, data integration and automation solutions. Strong problem-solving abilities, focused on delivering high-quality results that drive business value.

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## KEY SKILLS

- Programming Languages: Python, JavaScript, PHP, TypeScript, C, C++
- Frameworks: Django, Flask, React Native, Node.js, Selenium, Scrapy
- Cloud Platforms: GCP, AWS, Azure
- Databases: PostgreSQL, MSSQL, MySQL, NoSQL, Redis
- Tools: Docker, Git, CI/CD pipelines
- Agile Methodologies: Scrum and Kanban

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## PROFESSIONAL EXPERIENCE

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### Senior Software Engineer - Python

*BuscaOnibus* | Florianópolis, SC | [www.buscaonibus.com.br](http://www.buscaonibus.com.br)

Apr 2021 - Present (4 years):

- Lead development and maintenance of the ecosystem primarily using Python with Django, Flask and other tools like React Native for mobile
- Managed microservices architecture on GCP infrastructure, ensuring scalability and cost efficiency
- Spearheaded the creation of a data-driven RESTful API, which supported a product for timetable data sales, improving service quality while maintaining low costs
- Led the migration from a legacy monolithic Python 2.7 GAE ecosystem to the latest dependencies with a microservices architecture, achieving 60% cost savings with zero downtime

### Key Achievements:

- Successfully migrated legacy systems without service interruptions.

- Enhanced system reliability and reduced operational costs by implementing efficient microservices architecture.
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### **Software Developer Analyst - Automation and Integration**

*Portobello Shop* | Florianópolis, SC | [www.portobello.com.br](http://www.portobello.com.br)

Dec 2019 - Apr 2021 (1 year 5 months)

- Developed profitability and cost simulation tools using Python, Django, and PostgreSQL, improving business decision-making.
- Led data integration initiatives between ERPs and Salesforce CRM using Python-based ETL processes on cloud platforms like Azure, AWS, and Kubernetes.
- Provided internal support for translating business requirements into technological solutions, ensuring smooth communication between departments.

#### **Key Achievements:**

- Managed the migration of 130 stores from legacy ERP/CRM systems to Salesforce, ensuring seamless integration without affecting sales operations.
  - Developed a Python-based ETL library, optimizing data flow and integration, which increased efficiency and scalability.
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### **Full-Stack Software Developer - Automation & Data Integration**

*Stormtech* | Florianópolis, SC | [www.stormtecnologia.com.br](http://www.stormtecnologia.com.br)

Aug 2018 - Nov 2019 (1 year 3 months)

- Focused on robotic process automation (RPA) to streamline banking service data updates and integration.
- Designed web scraping solutions using Python, Selenium, and Scrapy, and built REST APIs with Flask.
- Managed AWS infrastructure (EC2, RDS, Lambda) for system monitoring, cost reduction and improving security.

#### **Key Achievements:**

- Migrated RPA infrastructure from legacy EC2 systems to microservices, improving system scalability, reducing costs, and enhancing fault tolerance.
- Led cloud infrastructure setup and software suitability assessments to meet business goals.

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## Software Developer, Cloud Architect & Embedded Systems Developer

**Comigo | Joinville, SC | [reciclacomigo.com.br](http://reciclacomigo.com.br)**

**Sep 2016 - Feb 2018 (1 year 5 months)**

- Designed and developed reverse vending machine systems using Python and OpenCV for object classification.
- Implemented cloud architecture with AWS (EC2, RDS, S3) focusing on scalability and security.
- Developed embedded systems using Arduino and Raspberry Pi to integrate sensors and actuators, leveraging C, C++, and Shell Script.

### **Key Achievements:**

- Spearheaded the development of a vision system to classify recyclable packaging, significantly contributing to the MVP and product launch.
- Enhanced system resilience and operational efficiency through cloud infrastructure and embedded systems integration.

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## **EDUCATION**

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### **Master's Degree in Applied Computing Science**

**Santa Catarina State University (UDESC)**

2016 - 2018, Joinville/SC

Focus: Cloud computing management, virtualization and energy efficiency

Research: Consolidation and High Availability on Virtualized Environments (CHAVE)

### **Bachelor's Degree in Computer Science**

**Santa Catarina State University (UDESC)**

2011 - 2016, Joinville/SC

Focus: Software engineering, system development, energy efficiency, RSSF and IoT

Research: Open Source energy monitoring for Data Centers (GreenHop)

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## **CERTIFICATIONS**

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AWS Technical Essentials – São Paulo-SP 2017

Salesforce Platform Developer I - Salesforce Bootcamp 2021