

DANIEL NORDHAUSEN

+5519983092718 • São Paulo, BR • danarvelini@yahoo.com • [Linkedin.com/in/danarvelini](https://www.linkedin.com/in/danarvelini)

SENIOR WEB DEVELOPER

Application & Web Development | Software Automation Engineering | Full Stack

A versatile and innovative Software Development Professional with years of experience encompassing Amazon Web Services (AWS), API development, Full Stack, Requests, and Software Engineering. Adept at creating tools/solutions to improve efforts, increase efficiency, significantly simplify processes, and enhance product performance and features. Notable success in implementing a broad range of corporate development initiatives and technology solutions supporting overall business objectives.

CORE SKILLS

Automation Engineering	Stakeholder Communication	Cloud Computing
Full-Stack Development	Project Leadership	Quality Control
Multi-Tier Architecture	Disaster Recovery	Problem Solving
Global Application Development	Troubleshooting	Testing
Software Engineering	Decision-Making	Critical Thinking

LEADERSHIP IMPACT

- **Trusted Software partner who consistently delivers quantifiable value** by leveraging emerging technology and business insights to optimize value.
- **Software Engineering strategist with an entrepreneurial mindset** and a contemporary approach to solving diverse business problems through technology innovation, scalability, and reliability.
- **A results-driven, decisive leader** who is highly skilled at building stakeholder relationships, managing change, creating measurable procedures, and counseling/developing individuals and teams.
- **In-depth expertise in Web Development optimization**, security and governance, business continuity, and leading projects through the complexities of varying priorities, agendas, and cultures.

EXPERIENCE

Lemongrass Cloud Consulting, Reading, England | Senior Web Developer (*remote*) **May 2023 – Present**

- Defines and implements strategies and technology that ensure the seamless integration of data.
- Implements the latest industry codes and processes to negate problematic procedures.
- Mentors and guides team, ensuring all are trained and capable of performing assigned tasks.
- Engineered hyperscale SAP and cloud solutions utilizing Python, Go lang, Azure, AWS, and APIs.
- Achieved cost reduction, increased resilience, and automated tasks to facilitate the migration of large international companies to the cloud environment.
- Analyzed and addressed single points of failure in the systems.
- Developed Back-End software from scratch to production.
- Implemented cloud-based apps using Azure DevOps and was involved in creating and updating Azure pipelines, releases, and CI/CD integrations.
- Collaborated in adhering to Clean Code and Clean Architecture practices, creating and maintaining microservices with various architectural patterns using Kubernetes and Docker.
- Managed time and resources effectively in developing software applications to meet project requirements.

EXPERIENCE CONTINUED

Oneflow, São Paulo, Brazil | Senior Automation Python Engineer *(remote)*

Aug 2022 – Mar 2024

- Performed high-quality development and support of digital systems and mobile apps using the available infrastructure and provided technical leadership for business projects.
- Proven history of exceeding expectations for deadlines on multiple projects.
- Managed financial operations in the Brazilian market, focusing on invoices and accountability across 2000+ cities.
- Worked with diverse custom systems specific to each city for invoice generation and tracking.
- Integrated invoices with company databases, incorporating national registration data, accountability, state taxes, national taxes, municipal taxes, and bank account details.
- Designed, developed, and deployed automation crawlers and REST APIs for automating invoice generation across all cities in Brazil.
- Conducted Automated and Unit Testing to validate captured data, leveraging Requests and Selenium for a comprehensive validation process.
- Implemented Computer Vision techniques with OpenCV and Pillow to enhance images and interpret missing data in the web crawling process.
- Automated Testing and Unit Testing to validate captured data using Requests and Selenium.
- Cultivated Agile Methodology with Scrum, Kanban, and XP.

Arvelini, American, Brazil | Senior Full-Stack Engineer/Founder *(remote)*

Jul 2022 – Mar 2024

- Provided full-stack software engineering services to clients worldwide.
- Developed and deployed Web Cloud solutions and Mobile Apps.

Zoox Smart Data, Rio de Janeiro, Brazil | Full Stack Developer *(remote)*

Feb 2022 – Mar 2023

- Designed and integrated REST APIs to capture and process large volumes of data from Data Lake.
- Developed and deployed APIs for data consulting.
- Automated the build and deployment processes for Python applications.
- Generated and used AI TensorFlow models based on fetched data. Extracted business-relevant data using Pandas.
- Trained and supervised in-house back-end developer staff, facilitating their learning of tools and workflow.
- Designed, programmed, and launched innovative templates to enhance UX for customers.
- Extracted nationwide data by developing APIs and processing it through business logic.

Kyndryl, Hortolândia, Brazil | Senior Computer Programmer *(remote)*

Sep 2021 – Feb 2022

- Translated complex technical issues into understandable language for non-technical users.
- Leveraged Python, Business Intelligence (BI), and REST APIs to optimize the team's daily workflow.
- Designed and developed an API connecting IBM's mainframes with Slack and Ansible Tower, automating and easing the Operator's workload using Python.
- Collaborated in developing, developing, and testing Python code for Kyndryl, utilizing IBM Cloud technologies.

IBM, Hortolândia, Brazil | Software Developer *(remote)*

Apr 2020 – Aug 2021

- Worked as a Python Developer, automating IBM workflow using REST APIs and Ansible Tower for increased efficiency and streamlined processes.
- Analyzed first-level problems, resolved issues, and provided direction when necessary.
- Dealt with and resolved Disaster Recovery (DR) situations, showcasing crisis management skills.

EDUCATION

Postgraduate: Artificial Intelligence and Machine Learning - Centro Universitário Salesiano de São Paulo, Brazil

Bachelor Degree, System Analysis and Development – Faculdade De Tecnologia De São Paulo, Brazil

Bachelor Degree, Digital Games Design – Pontificia Universidade Católica de Campinas, Brazil

TECHNICAL PROFICIENCIES

Azure DevOps, Python, AWS, PyTest, Flask, Rancher, Swagger, Agile Scrum, Kanban, XP, GitHub, AWS Code Deploy, AWS Lambda, Amazon DynamoDB, Selenium, Docker, Requests, Playwright, SQL, PostgreSQL, Data Lake, Mongo DB, JavaScript, Vue.js, Node.js, BI, Rest API, Slack, Ansible Tower, DB2, DBA, JCL, AWS Redshift, Dart, Firebase, Android Studio, C#