Daniel Girotto Rosseto

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Professional Summary

Full Stack Developer with a strong background in designing and implementing scalable microservices and RESTful APIs using Python frameworks (FastAPI, Flask, Django). I have built dynamic web and mobile applications with React, Next.js, and Flutter, and I am experienced in containerization (Docker, Kubernetes) and CI/CD pipelines. Passionate about distributed systems, cloud technologies, and agile practices, I consistently deliver high-impact solutions that simplify processes and enhance user experiences. Fluent in both English and Portuguese, I excel in cross-functional teams and continuous improvement of software engineering practices.

Education

University of São Paulo (USP) *Expected Graduation: 2026*
Bachelor's Degree in Information Systems

Air Cadet Preparatory School (EPCAR) *Concluded: 2021*
High School Diploma – Military and Aeronautical Studies

- Developed leadership, discipline, and strong teamwork skills.
- Completed coursework in **C programming**, reinforcing problem-solving capabilities.
- Emphasized core values: integrity, resilience, and excellence.

Work Experience

T-Systems Brazil *June 2024 - Present*
Software Development Intern

- Designed and developed scalable **RESTful APIs** and microservices using **Python** (FastAPI, Flask) to support backend services.
- Optimized database performance with both **SQL** (PostgreSQL, Oracle) and **NoSQL** (MongoDB) solutions.
- Implemented containerized applications with **Docker** and orchestrated deployments using **Kubernetes** along with CI/CD pipelines.
- Integrated automated testing and code review processes to ensure high-quality, secure, and maintainable software.
- Explored AI techniques to enhance automation and predictive analytics for operational efficiency.

Infordoc Gestão Documental *October 2023 - May 2024*
Technical Support Analyst

- Developed and maintained backend applications using **Python** and **SQL** for document management systems.
- Managed and optimized databases (**MySQL**, **MS SQL Server**) to ensure efficient data storage and retrieval.
- Automated document processing workflows to enhance data analysis and information extraction.
- Employed version control with **Git** and implemented testing practices to uphold software quality.

Top Projects

Realtime Chat [(GitHub)](#)
Developed a real-time chat application using **FastAPI, React, Redis,** and **WebSockets**. Deployed with **Kubernetes** to ensure horizontal scalability and fault tolerance.

Tic-Tac-Toe React [(GitHub)](#)
Created an interactive game with **React** and **Tailwind CSS**, demonstrating efficient state management, component reuse, and responsive design.

SaaS-Oficina [(GitHub)](#)
Developed a comprehensive SaaS platform for automotive repair shops using **Django REST** for backend microservices and **Next.js** for a dynamic web interface. Implemented scalable solutions for user management, scheduling, and payment processing.

Languages

- **Portuguese:** Native
- **English:** Advanced