

Daniel Rios

Senior Python/Django Developer

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Software Experience

March 2023 – November 2024

Senior Software Engineer, *Thermondo GmbH*, Berlin

- * Created and presented formal technical knowledge training to colleagues on topics such as: Poetry, git, Conventional Commits
- * Mentored team members on testing, clean code, git via architectural discussions and Code reviews
- * Led 1:1 Meetings with team members during Engineering Manager's parental leave, and forwarded concerns to CTO, as needed, during separate 1:1 meeting
- * Translated feature requests, bugs, and debt into technical requirements for Jira tickets
- * Contributed to Backend and Frontend Sales Order flows and processes between the Django Monolith and the Rootstock ERP system
- * Implemented feature tickets, fixed bugs, and resolved technical debt

January 2020 – February 2023

Senior Backend Developer, *infarm - Indoor Urban Farming B.V.*, Berlin

- * Developed microservices to support monitoring and alerting for vertical farms
- * Maintained and added endpoints to async GraphQL-based APIs
- * Created Grafana dashboards based on InfluxDB, and automated their deployment
- * Consolidated InfluxDB queries, resulting in a 66% reduction in query count and costs
- * Programmed in a service to process and enrich farm data and push to other services
- * Led two developers in creation of redis-timeseries based alerting system for realtime streaming data from multiple farm devices
- * Mentored a Junior Developer and reviewed their code, held pair programming sessions, and advised on career development

January 2016 – December 2019

Web Developer, *Jonas und der Wolf GmbH*, Berlin

- * Created REST API endpoints utilizing Django Rest Framework
- * Modified features of the Django Admin for client use
- * Wrote tests for almost every line coded, and reviewed Pull Requests
- * Improved the Gitlab-based CI scripts
- * Introduced DevTalks and presented on topics such as GraphQL, Django Channels, Black

May 2014 - December 2015

Technical and Operations Specialist, *P & T - Paper & Tea GmbH*, Berlin

- * Developed internal webapps in Django and Python for sales reports, Google Analytics metrics, and open purchase order data
- * Created *brightstar*, an API wrapper for the Brightpearl retail system
- * Maintained cloud-based company systems as well as internal network and computers

April - August 2014

Web Developer, *surtitled.com*, Berlin

- * Maintained Python website in Google App Engine
- * Added cross-language search for musical composer names

Programming Skills

Web	Django, GraphQL, Django Rest Framework, REST API, Celery
Infrastructure	Github Actions, Heroku, GCP Kubernetes, Docker, CircleCI, Terraform
Database	PostgreSQL, InfluxDB, Redis-Timeseries
Software	Python, Pytest, Grafana, Mypy, Git, GitHub, GitLab, Linux, Nginx
Project	Jira, Confluence, Agile/Scrum, Redmine

Training and Education

March - December 2014

Coursera.org/Rice University

Fundamentals of Computing Specialization: Introduction to Interactive Programming in Python, Principles of Computing, Algorithmic Thinking, Capstone Exam

October 2013 - February 2014

Business Trends Academy, Berlin

Certificates in: Project Management, Web Development, Mobile Marketing/Photoshop

July - August 1999

Radcliffe Publishing Course, Cambridge, MA

Certificate in Professional Book and Magazine Publishing

September 1995 - May 1999

Brown University, Providence, RI

Bachelor of Arts in English and American Literature

Other Work Experience

August 2006 - November 2012

Operations Specialist, Corbis Images, Berlin

- * Acted as Communication Specialist for the Photographer Relations Department
- * Managed photographer email database and maintained email marketing systems

January 2001 - January 2006

Production Artist, Christie's, New York

- * Created and refined print layouts for fine art auction catalogues

October 1999 - January 2001

Production Assistant, Simon & Schuster, New York

- * Produced bound book proofs for reviewers and generated book cover cost estimates

Language Skills

Native English Speaker, fluent in German and Spanish