Nicco Kunzmann

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 niccokunzmann   user

Executive Summary

Master in IT-Systems-Engineering, over 20 year of Python, open-source maintainer of critical packages

Project & Community leadership in a FOSS environment

Creates high-quality documentation and code with TDD & RFCs

Technologies

Programming Languages: Python, HTML/CSS/JS, Node, Ruby, Bash, Java, Kotlin, embedded C/C++, more

Web Stack: Docker, Ansible, fastapi, flask, RFCs, HTML/CSS/JS, Jinja2, Vue, SVG, more

Quality Assurance: Pytest, Selenium, Gherkin, CI/CD on GitHub & GitLab, more

Platforms: Linux, Windows, macOS, Android, Raspberry Pi, Arduino, MicroPython, OpenWRT, more

Documentation: Sphinx, MkDocs, ReStructuredText, Hugo, TinaCMS, Jekyll, Weblate/i18n, more

Spoken Languages: German (Native), English (Professional), Russian (TRKI 1)

Some Hightlights

- 2024 Open UK Awards Open Source Software Nominee ⧉ for Calendar Software
- 2024 NLNet funding for FOSS work on the Open Web Calendar Stack ⧉
- 1000 mentored commits made by children on the Labyrinth game ⧉ within 3 months during Google Code-In

Leadership Experience

Communication: Non-Violent Communication (9 years), Conflict Engagement/Resolution Team, Facilitate Men's groups, Can listen, Commmunicate Effectively with Compassion, Awareness of Group Dynamics, Seeking to Maintain a Space of Equality and Mutual Understanding, Speaking and Giving Workshops at Conferences

Team: Living in Community, Organising Workdays, Driving Vision and Goals, Leading Meetings

Open-Source Projects

icalendar ⧉ *2022-2025*

- Maintainer of a critical PyPI project (top 1%)
- Driving innovation while maintaining compatibility
- Work with RFC 5545 and subsequent

recurring-ical-events ⧉ *2019-2025*

- Concise, well documented API
- 2 architecture rewrites with 0 loss of functionality due to high test coverage

Open Web Calendar ⧉ *2019-2025*

- 6 deployment options, UI testing with Gherkin and Selenium, Community-Driven Localization & Documentation in 15 Languages

Education

Hasso Plattner Institute at the University of Potsdam *Sept 2013 – June 2018*
MSc in IT-Systems-Engineering

- Thesis on the Schul Cloud - a cloud-based learning platform
- Project on Reproducible Setup of Open Stack - with Docker&Ansible
- Birth of my daughter

Hasso Plattner Institute at the University of Potsdam *Sept 2010 – June 2013*
BSc in IT-Systems-Engineering
- Team Project & Thesis on Integrating Ruby on Rails with the MagLev Object Database written in Smalltalk

Experience

Freelance DevOps Engineer *Wales, UK*
2023 – 2025
- Reverse-Engineer and Parse the Adobe Illustrator file format (.ai)
- Host, customize and create open-source services

Volunteering and Freetime

Teaching Programming: Founding CoderDojos and CoderDojo Germany, Setting up a Makerspace and designing Workshops with Groups

Repair: Founding a Repair Cafe, Coordinating Repairs, Material, Safety and Machinery

Hobbies: Programming, Playing Guitar, Cooking on the Fire, Wood Work

FOSSASIA: Conference Speaker, Google Summer of Code Student and Mentor for Google Code-In