

MAXIM DANILOV

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Senior Python Developer

SUMMARY

Senior software developer and architect with 12+ years of experience leading international teams, launching startups, speaking at technology conferences, writing and reviewing hundreds of thousands of lines of code, and contributing to open-source projects. Current portfolio includes healthcare projects, cargo-delivery tracking software, and a high-load SaaS PDF-generation service. Ready to contribute in dynamic startup environments and open to relocation.

SKILLS

Tech: Python, Django, DRF, SQL/No-SQL DB, VueJS/NuxtJS, GIS/Geo, FastAPI, Pydantic, JavaScript, ReportLab, AWS.

Engineering: Clean Architecture, RESTAPI and OpenAPI, sync/async paradigms, Software design patterns and principles.

Soft: Team Leadership, public speaking to large audiences, creating articles and video content, mentoring, and coaching.

PROFESSIONAL EXPERIENCE

winePad.at (2015 – 2020, 2023 - Now)

Austria

Maintained Europe's largest data lake about alcohol.

Software Architect, Software Developer, Tech Lead

- Developed winePad.at from scratch to a successful mature project with over 300k lines of code. Created road-map for project, maintain architecture, organize testing suite, documentation portal and support channel.
- Created additional services: PDF generator, import-export system, full-text/image search solution.
- Organized data exchange services for systems: WooCommerce, Xenia, Supra, Bollichine
- Refactored old legacy prototype based on Python 2.7 to newest version of Python.
- Created a supporting team of two developers and one designer, providing programming mentorship.

Tech stack: Python, Django, ReportLab, BeautifulSoup4, Elasticsearch, SQL/NoSQL, javascript, jQuery, Lighttpd, DRF, etc.

Freelance, remote (2023 - 2024)

Austria, Spain, Czech Republic, Germany

Tech consulting to solving architectural and security issues in diverse Python projects

External Senior Software Developer

- Supported two development teams in improving existing solutions to meet IPO requirements.
- Enhanced and implemented µ-Django microservice technology across diverse Python projects.
- Refactored a prototype and implemented an asynchronous voice AI assistant for a network of industrial baking ovens.
- Refactored and implemented AWS-Cognito for user systems in healthcare projects to ensure GDPR compliance.

TechStack: Python, FastAPI, LiteStar, Django, AWS, OpenAPI, Flask, etc.

wP soft GmbH (2020 - 2023)

Austria

Developing python-based web solutions and micro-services.

Software Architect, Senior Software Developer, Tech Lead

- Created from scratch a multivendor e-commerce platform wpshop.at, currently hosted 46 online-shops.
- Served as the architect of Austrian time-accounting platform.
- Established a high-load PDF generation SaaS.
- Maintained of open-source Python/Django translation library: Django-TOF2.
- Built a project team of three developers, a designer, and an intern, and provided programming mentorship.

TechStack: Python 3, Django, DRF, FastAPI, Vue.js/Nuxt.js, PostgreSQL, PostGIS, MySQL, ReportLab, Figma, nginx, etc.

EDUCATION

2009 Erickson Coaching International. Mental Coach in Management.

2009 Institute of Psychology and Social Work. Certified as a Preschool Child Psychologist.

2006 Power Engineering Institute. Master's degree in Electronics & Microelectronics, postgraduate.

CERTIFICATES

2024 Développer en langage Python orienté objet (OOP Python Developer) by API SOCIETY (France compétences)

ADDITIONAL INFORMATION

Languages: German (advanced) | English (advanced) | Russian (native) | Italian (basic).

Recognized eight times as a 'Super Mentor in Engineering' on ADPLIST.org for mentoring aspiring engineers.

Half-Marathon Trail Runner and professional Alpine Skier.