Yannik Schmidt ● Langenzenner Straße 28 ● 90587 Siegelsdorf

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Fullstack Developer

Summary

Contact:	yannik.schmidt@potaris.de / +4917676166894
Address:	Langenzenner Straße 28 90587 Siegelsdorf
Hourly (remote, ex. VAT): (including individual days on location)	85€

Experience

Juli 2023 – Dezember 2023   **DevOps Engineer** *(ING DiBa AG)*

Large scale private cloud migration of third-party applications based on both Windows and Linux using Ansible, Azure DevOps and Python with a focus on monitoring and anomaly-detection in the highly regulated German banking sector.

Januar 2023 – April 2023   **Python Fullstack Developer** *(Thermoscan GmbH)*

Implementing feature requests for Python-software, used in analysing Infradred measurements of apartment complexes and create a GitHub-Actions pipelines for containerization and deployment.

März 2022 – Dezember 2022   **Fullstack Developer** *(Univention GmbH)*

Extending the Identity-Access-Management (IAM) System with Keycloak for a pilot operation of the Sovereign Workplace software used by the German Ministry of the Interior. Specifically responsible for integrating SSO into the existing UCS (Python) product, as well as the design and implementation of an express.js/container based middleware between Nextcloud and Owncloud.

Juli 2021 – August 2021   **Python Fullstack Developer** *(Jeff 3D-Animations)*

Development of a tool for the distribution of data intensive 3D-models based on Python/flask hosted in AWS incl. Unit- and Selenium tests.

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Dezember 2020 – Februar 2022	**Fullstack Developer** *(Thermoscan GmbH)*
	Development of business logic for contract management and data-analysis software for diagnosing the energy efficiency of apartment complexes. Based primarily on Python/flask (analysis, web-server) and C++/Qt5 (desktop native applications) with GitHub-CI pipelines.
März 2020 – August 2020	**Linux Administrator** (*State Office for Statistics Bavaria)*
	Responsible for monitoring and operation of various Java-web applications and database backends for the German death statistics and the 2022 census. Additionally, creation of Ansible-moduls (Python) for additional automation of the mostly Linux based infrastructure.
Januar 2019 – Februar 2020	**Linux Administrator** *(Omikron Data Solutions)*
	Management of the ~2000 units Linux server cluster (CentOS, Debian) for the Fact-Finder online-shop backend used by amongst others Intersport and Mytheresa. Responsible for automation (Ansible, Python with Rundeck), monitoring (Zabbix, Python, Grafana) and general incident management.
November 2016 – Dezember 2018	**Python Developer** *(Thermoscan GmbH)*
	Development of tools for correlating DWD provided public weather data to in-apartment data (Python, scipy, matplotlib) for mould growth analysis. Development of a web service for automatic analysis and presentation of standardised construction code data. (Python, flask, Docker)

Github & Medium

Part of my work is publicly available, feel free to check out my [GitHub](#) and [Medium](#) presence,
as well as the references in my [GULP-profile](#) (German-only).

Highest Degree

2013 - 2018	Bachelor's Degree Computer Science
	Friedrich Alexander University Erlangen/Nürnberg

Programming Languages

- Python
- Javascript/HTML/CSS (incl. node)
- Bash/Shell
- Java

Software und Konzepte (Auswahl)

Docker	*build/compose, Trivy, swarm, Harbor*
Webserver-Technologies	*flask, nginx, HAProxy, Express*
Cloud	*Azure, Cloudflare, Hetzner*
Identity Access Management	*OAuth2/OIDC, SAML, oauth2proxy*
Usermanagement	*Keycloak, OpenLDAP, Active Directory*
Configuration-Management	*Ansible*
Operating Systems	*Debian/Ubuntu, RHEL/CentOS, Alpine*
Agile Development	*Scrum, Kanban, FDD*
Databases	*PostgreSQL, MySQL, InfluxDB, Prometheus, MongoDB, Elastic*
Version Control	*Git (GitLab, GitHub)*
DevOps CI/CD	*GitLab, GitHub-Actions, AzureDevOps*

Languages

German *(native)*

English *(C2)*