Dr. Vanda Farsad

Web Developer

Hey! With my expertise in Python and a versatile knowledge of DevOps and frontend technologies, I look forward to contributing to the design, development, and optimization of your web applications. With a keen eye for detail and the ambition to deliver high-quality solutions, I am dedicated to enhancing user experiences and ensuring seamless functionality across the entire development lifecycle. Let's collaborate to create innovative and efficient solutions that align with your organization's goals.
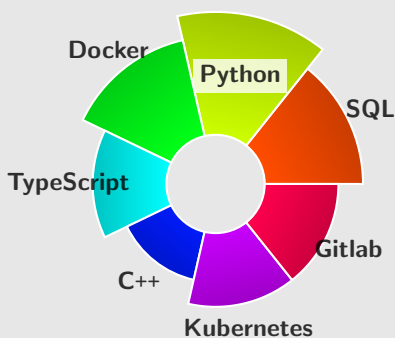
Contact

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Links

- Home Page
- LinkedIn
- Github

Stack

Docker · Python · SQL · Gitlab · Kubernetes · C++ · TypeScript

Frameworks

Django	●●●●●
Flask	●●○○○
React	●●●○○
Next.js	●●●●○

Languages

German	●●●●●
English	●●●○○
Persian	●●●○○

Working Experience

since 2020 — **Freelance Web Developer** — Orendt Studios
Development, testing and maintenance of Django-based web applications, CI/CD pipelines and frontend frameworks. Managed the full lifecycle of development projects, from strategic planning to successful implementation and taking responsibility for timelines.

Backend Technologies: Python (Django, Flask)
Frontend Technologies: Typescript (Next.js, React)
CI/CD Tools: Docker, Kubernetes, Gitlab

2019 – 2019 — **Senior Consultant Biostatistics** — Ecker+Ecker
In addition, project management.

2017 – 2019 — **Consultant Biostatistics** — Ecker+Ecker
Developed Python software for various applications, conducted data analysis using Python and R, evaluated clinical trials, provided statistical guidance to customers and team members, and delivered statistics training.

2008 – 2010 — **Research assistant** — Fraunhofer-Institute LBF
Executed method implementations using Matlab/Simulink and conducted numerical simulations for comprehensive analysis.

Education

2014 – 2017 — **Ph.D ● Mathematics (**cum laude**)** — Universität Hamburg
Thesis: *The symplectic fermion ribbon quasi-Hopf algebra and the $SL(2, \mathbb{Z})$-action on its centre.* [1] [2]

2009 – 2013 — **Master of Science ● Mathematics (**$\varnothing 1,5$**)** — TU Darmstadt
Focus: Geometry, Nuclear Physics and Operation Algebra

2005 – 209 — **Diploma ● Applied Mathematics (**$\varnothing 1,3$**)** — Hochschule Darmstadt
Focus: Numerical Mathematics and Computer Science (C++)

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[1] Journal of Algebra. 522. 10.1016/j.jalgebra.2018.12.012, 2017.
[2] Advances in Mathematics. 400. 10.1016/j.aim.2022.108247, 2022.