Dr. Vanda Farsad

Backend Developer

Hey! With my expertise in Python and a versatile understanding of DevOps and frontend technologies, I'm excited to contribute to the design, development, and optimization of your web applications. With a keen eye for detail and a commitment to delivering high-quality solutions, I aim to craft code that is both maintainable and testable.
Let's collaborate to create innovative and efficient solutions that align with your organization's goals.

Contact

August 1, 1981
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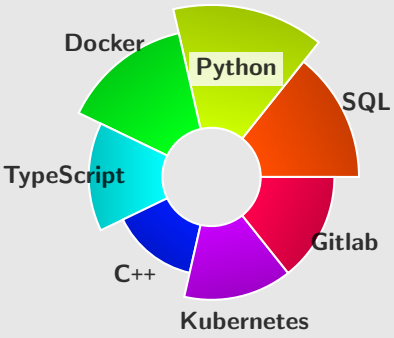
Links

Home Page
LinkedIn
Github

Stack



Frameworks

- Django
- Next.js
- React
- Flask

Languages

- German
- English
- Persian

Working Experience

since 2020 — **Freelance Backend 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 Operator Algebra

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

[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.