



Dr. Vanda Farsad

Backend Developer

Hey! With my expertise in Python, solid frontend development experience, and a versatile understanding of DevOps, I'm excited to contribute to the design, development, and optimization of your web applications. Combining strong backend skills with hands-on knowledge of modern frontend frameworks and tools, I bring a holistic approach to building seamless user experiences. With a keen eye for detail and a commitment to delivering high-quality, maintainable, and testable solutions, I aim to craft code that truly adds value.

Let's collaborate to create innovative and efficient solutions that align with your organization's goals.

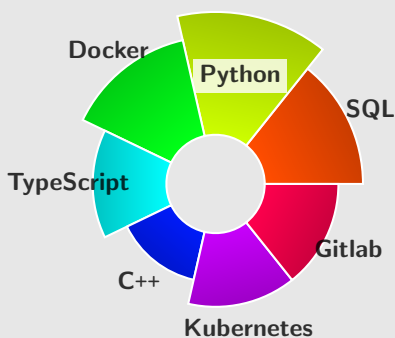
Contact

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Links

- Home Page
- LinkedIn
- Github

Stack



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 (Ø 1,5)** TU Darmstadt
Focus: Geometry, Nuclear Physics and Operator Algebra
- 2005 – 209 **Diploma • Applied Mathematics (Ø 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.