



Dr. Vanda Farsad

Backend Developer




Hey! I bring experience in Python, modern frontend development, and a solid understanding of DevOps. What matters most to me is writing code that not only works but is also maintainable, testable, and sustainable.

Whether backend architecture or frontend UX – I enjoy working on projects that combine efficiency, quality, and innovation. What I enjoy most is turning ideas into reality as part of a team and creating solutions that deliver real value.

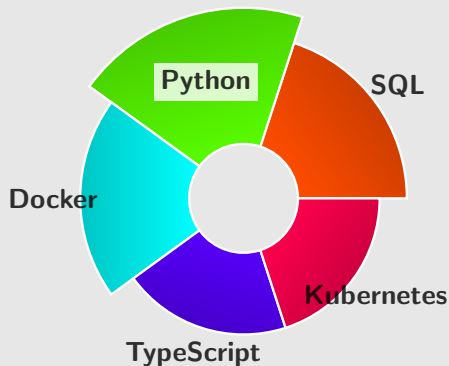
Contact

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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, PostgreSQL

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 – 2009

Diploma • Appl. 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.ajm.2022.108247, 2022.