



# 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.

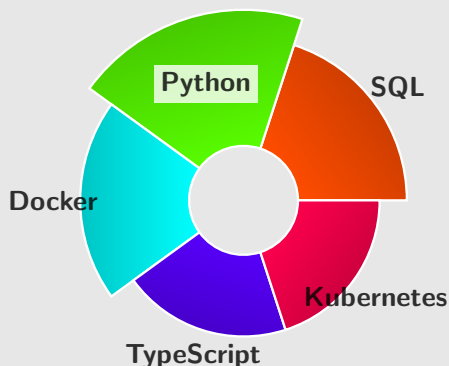
## Contact

 August 1, 1981  
 Am Inselpark 9, 21109 Hamburg  
 +49 172 289 08 37  
 v.farsad@initial-commit.com





## 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.* <sup>1 2</sup>

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++)

<sup>1</sup> Journal of Algebra. 522. 10.1016/j.jalgebra.2018.12.012, 2017.

<sup>2</sup> Advances in Mathematics. 400. 10.1016/j.ajm.2022.108247, 2022.