



# Dian Kalaydzhiev

## Full Stack Software Engineer

Versatile and driven professional with expertise as a skilled full-stack engineer and a Python lecturer, adeptly combining teaching, learning, and innovative problem-solving abilities.



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## WORK EXPERIENCE

### Full Stack Engineer DevPunks, Turin/Italy

11/2023 - Present

Remote

### Lecturer New Bulgarian University, Sofia/Bulgaria

10/2023 - Present

Sofia/On-site

#### Achievements/Tasks

- Teaching **live** groups of about **50 students**.
- Developed and delivered comprehensive **C++** course content, fostering an interactive learning.

### Full Stack Engineer Gentle & Rose, Varna/Bulgaria

11/2022 - 11/2023

Remote

#### Achievements

- During my work as a Full Stack Engineer at Gentle & Rose, I successfully contributed to the development of **2 Shopify web applications**.
- "Thunder Page Speed Optimizer," significantly enhanced the SEO performance of Shopify stores. As a key accomplishment, I **independently designed and implemented a new React frontend** from scratch within a few months, resulting in the app gaining **several thousand users** within **3 months**.
- "Customizable Sliding Cart" project - Demonstrated **strong initiative** by thoroughly **refactoring the codebase** and **optimizing the development** process. **Introduced a novel method** for rendering a preview cart at the shop, leading to a substantial improvement in efficiency and user experience. By **reducing** the average save time from **15 seconds to just 2 seconds**.



## SKILLS

Python

JavaScript

TypeScript

Django

React

Express

SQL

Postgres

MySQL

Azure

Heroku



## PROJECTS

### Emotion Talk

- Emotion Talk is a personal project that I developed from scratch, featuring a web app built with Django REST for the backend and React for the frontend. The application leverages AI and utilizes libraries like librosa to accurately recognize emotions from speech, providing users with an interactive platform to better understand and express their emotions.

[Link to Front-End](#)

[Link to Back-End](#)

### Quiz Master

- Quiz Master is a Django-based web app with vanilla JS, employing PostgreSQL for the database and incorporating Redis and Celery. It enables users to create and solve quizzes on a wide range of topics.

[Link to app](#)

### DaDay

- A hackathon project with Django Rest Framework backend and React frontend, serving as a social network for kids and parents. As a full-stack engineer, I played a pivotal role in data processing, API management, and bug fixing, ensuring a seamless and user-friendly experience. The app also offers parents analytics on their kid's emotions as they write privately in a diary within the application.

[Link to the app](#)

## WORK EXPERIENCE

### Technical Trainer/Lecturer

SoftUni, Sofia/Bulgaria

09/2022 - Present

Sofia/Remote

#### Achievements

- **Lecturer**, imparting knowledge in various courses, including **Python OOP**, **Python Advanced**, **Postgres**, **SQL**, and **Django**. I have successfully taught and **mentored** approximately **3000 students**.
- Taking a proactive approach to enhance the learning experience, I **introduced theory tests** after each lecture and **integrated practical exercises** to explore supplementary concepts, effectively enriching the student's understanding of the subjects.
- Links to some of the courses I teach:
  - [Python OOP](#)
  - [Python Advanced](#)
  - [Django](#)
  - [Postgres](#)

### Content Developer

SoftUni, Sofia/Bulgaria

06/2022 - 11/2022

Remote

#### Achievements

- Made **significant contributions** to the educational resources. Specifically, I have designed and developed **4 exams and 10 exercises**, which remain integral components of the curriculum, **benefiting around 500 students monthly**.
- **Developed a web application** used as an example and practice tool for students during each edition of the course.

## EDUCATION

### Bachelor's degree in Computer Science

New Bulgarian University, Sofia/Bulgaria

10/2022 - Present

Sofia/Bulgaria

#### Courses

- Extensive range of mathematics courses, including **Discrete Math**, **Linear Algebra**, and **Analytic Geometry**. Additionally, I dedicated a year to mastering **C++** through comprehensive courses, further expanding my programming expertise and problem-solving skills.

### Professional Qualification Full Stack Engineer

Software University (SoftUni), Sofia/Bulgaria

10/2020 - 06/2022

GPA: 4

#### Courses

- **2 years** to completing the comprehensive **Full Stack Python** roadmap. Throughout my journey, I successfully completed courses in **Python OOP**, **Django**, **JavaScript**, **React**, and more, achieving the highest scores in my graduating class and ranking in the **top 1%** of the course participants.