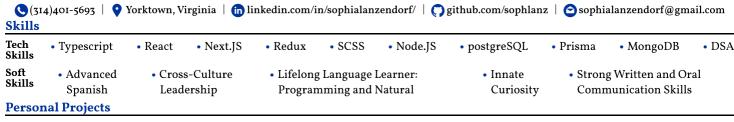
# Sophia Lanzendorf

**Software Engineer** 



#### Portfolio

- Portfolio website to showcase my projects in a more cohesive and artistic manner than Github, along with a contact form for connections.
- · Advanced and creative CSS transitions and animations.
- Implemented dark and light modes by declaring css variables and using SCSS mixins.

Technologies: Typescript, Next.JS, React, SCSS, SendGrid

Live Demo: github.com/sophlanz/portfolio Source Code: sophialanzendorf.vercel.app/

### Language Learning with AI

- Translate from any language into English, Spanish, French, German, Chinese, Japanese, or Korean. Listen to a human-like AI voice read the translation.
- Use AI to generate a writing prompt, and have AI check for grammar mistakes.
- Create, save, and update decks with vocabulary/grammar cards for studying

Technologies: Typescript, Next.JS, React, DeepL API, GPT-3 API, Play.ht API, O-Auth, postgreSQL, Prisma

Live Demo: ai-lengua.vercel.app/ Source Code: github.com/sophlanz/translate-deepL

#### **Ecommerce Excursions**

- E-commerce website that allows users to browse and book excursions in various countries, select the date of their choice, and add it to the fully functional shopping cart. Filter the excursions of your choice based on budget, duration, and location.
- · Heavy use of images, page load time optimized through image compression with ffmpeg, and further optimized with Next.js lazy-loading.
- Migrated from create-react-app to Next.JS.

Technologies: Next.JS, React, SCSS, ffmpeg

Live Demo: ecommerce-travel.vercel.app/ Source Code: github.com/sophlanz/ecommerce-travel

#### **CV** Generator

- CV generator specifically aimed to assist self-taught developers looking to land their first junior dev role. Add, edit, and delete capabilities of all CV elements that could require customization.
- Migrated from React Class components to React Functional components.
- CRUD operations that allow users to save their CV, and return later to view or edit.

<u>Technologies:</u> React, React-Router, Redux, SCSS, Node.JS, Express, MongoDB

<u>Live Demo:</u> cv-curator.up.railway.app/ <u>Source Code:</u> github.com/sophlanz/cv-generator

## Work Experience

Freelance
English Teacher

Inne 2021-Present

- Assist students with a wide range of English abilities in achieving native-like communication skills, both oral and written.
- Implement various techniques depending on the strengths and weaknesses of the student, and remain flexible to adapt the lesson to the desires and goals of the student.

**Recurse Center** 

Remote

Coding Sabbatical Participant

August 2022-October 2022

• Dedicated 12-weeks to a competitive, self-directed, coding retreat, where I worked full-time improving my coding skills. Pair programmed across a wide range of languages with other engineers, as we helped debug and offer guidance on our respective projects, as well as data structures and algorithms.

### **Ministry of Education Spain**

English Assistant

Mallorca, Spain September 2020-May 2021

• Conducted conversations with students, with an emphasis on increasing confidence to converse with native speakers, and ability to express themselves in a concise manner.

BFITS

Bangkok, Thailand

7th-9th Grade Science Teacher October 2018-October 2019

- Independently constructed and delivered PowerPoints, worksheets, and activities to suit a diversity of learning styles and assist students efforts to understand course material.
- · Adhered to strict grading and assessment deadlines recorded on an online management system.

## Education

**University of Miami** B.S. Exercise Physiology; B.A. Political Science

Miami, Florida