

# Kevin Pernía

SOFTWARE ENGINEER - FRONT END DEVELOPER

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## Skills

- Front-end** React, NextJS, HTML5, CSS3, Tailwind, Bootstrap
- Back-end** REST API, SQL, NodeJS, Prisma
- Other** JavaScript, Java, Git, GitHub, Linux
- Languages** Spanish (Native), English (Advanced), German (Basic - Learning)

## Relevant Experience

### Swissmade

PERSONAL PROJECT

<https://swissmade.vercel.app/>  
<https://github.com/Kaplyak/swissmade>

- Built a database to store products using PostgreSQL and hosted it in Heroku.
- Implemented every needed database query in each page using Prisma inside NextJS' getStaticProps.
- Styled the site and made it fully responsive using Tailwind CSS.
- Deployed the app using Vercel, which enables easy CI synced with the GitHub repository.

### Kevflix

PERSONAL PROJECT

<https://kevflix.vercel.app/>  
<https://github.com/Kaplyak/kevflix>

- Implemented connection to The Movie Database API endpoints using fetch inside NextJS' getServerSideProps.
- Implemented display of every returned item in TMDB queries using React and JavaScript logic.
- Styled the site and made it fully responsive using Tailwind CSS.
- Deployed the app using Vercel, which enables easy CI synced with the GitHub repository.

### Dodoer

PERSONAL PROJECT

<https://github.com/Kaplyak/Dodoer>

- Built this productivity suite using Python/Django in the back end and JavaScript in the front end.
- Implemented a Pomodoro timer and a kanban board, in accordance to agile/scrum principles.
- Implemented a profile page to display user's productivity data and their tasks, retrieving the data from a SQLite database.
- Styled the site and made it fully responsive using Bootstrap.

## Relevant Education

### Harvard CS50x

INTRODUCTION TO COMPUTER SCIENCE

Online

2021

- Got a broad and robust understanding of computer science and programming.
- Learned how to think algorithmically and solve programming problems efficiently.
- Learned concepts like abstraction, algorithms, data structures, encapsulation, resource management, security, software engineering, and web development.
- Developed familiarity with a variety of languages, including C, Python, and JavaScript, plus SQL, HTML, and CSS.
- Created many projects using different languages, such as: a photo filter (C), a Caesar cypher (C), a spell checker (C), a DNA identifier (Python), and a stock trading website (JavaScript).

### Harvard CS50x

WEB PROGRAMMING WITH PYTHON AND JAVASCRIPT

Online

2021

- Developed a variety of websites (wiki, ecommerce, mail, social network) using a broad set of technologies: JavaScript, Python, Django, SQL, HTML, CSS.
- Learned more advanced programming topics, including testing, CI/CD, scalability, and security.

### University of Helsinki

FULLSTACK OPEN - DEEP DIVE INTO MODERN WEB DEVELOPMENT

Online

Currently coursing

- This course teaches modern web development with JavaScript.
- The main projects to make are ReactJS single page applications that use a REST API built with Node.js.
- Contains a section on GraphQL as an alternative to REST APIs.
- The course covers testing, configuration and environment management, and the use of MongoDB for storing the application's data.