

# DANIEL SCANU

Web Developer | danielscanu@zohomail.eu | Cuneo, Italy | [github.com/Myphz](https://github.com/Myphz)

## Skills

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**Languages:** Python, JavaScript, TypeScript, Rust, C, SASS, CSS, HTML

**Technologies:** Vue, React, NodeJS, Vite, Express, Rocket, MongoDB, MySQL, Flask, Git, Shell

## Professional Experience

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Full Stack Developer Intern – Developer team

Italy, Mondovì (remote)

**pianobit s.r.l**

June 2021 - December 2021

NodeJS Full Stack web application development – SaaS company

- Built **back-end** micro-services architecture
  - Developed custom JWT token authentication & authorization system
  - Designed API services using a MongoDB database to store user's personal data from a Swagger schema (TDD)
  - Store passwords with SHA256 hash + salt with Mongoose hook
- Led project to develop **front-end** interface with Vue and Vuex
  - Designed & built file-sharing interface allowing users to upload and download documents
  - Implemented API services & Swagger schema to upload and download documents from a MongoDB database
  - **Result in 100% satisfaction from customer**

Software Engineer – Python tutor

Remote

**Freelancer**

Jul 2020 – Feb 2022

Programmer and private tutor

- Work for **hundreds of private customers** all over the world
- Programmer in many different areas: Machine Learning, GUI development, Data Science
- Tutoring lessons for newbies about Python and main computer science concepts: data structures, variable types, conditional logic
- **Hundreds of 5-star reviews**

## Projects

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**Personal portfolio**

[myphz.github.io/Myphz](https://myphz.github.io/Myphz)

My personal website, to showcase my skills and projects

- React + Typescript, Rust + Rocket, SASS

**wwwwallet**

[wwwwallet.app](https://wwwwallet.app)

Cryptocurrency trading & investments tracking web and mobile app, updated real-time

- Vue + Pinia, Express, MongoDB, SASS

**Sort Visualizer**

[sortvisualizer.com](https://sortvisualizer.com)

Web application to display and animate 15+ sorting algorithms

- Vanilla JavaScript, Flask, CSS

## Education

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ITIS Cuneo Delpozzo – Computer Science and Telecommunications

Sep 2017 – June 2022