



Nicolas Arnouts

Junior Full Stack Developer

Check my website:



Profile

Passionate Full Stack Developer skilled in Typescript, Node.js, and React, with a knack for Tailwind CSS. Currently diving into UI/UX design. Quick learner, creative, and a critical thinker focused on problem-solving. Highly proactive in keeping up with the latest technologies. Always eager to expand my skill set.

Employment History

Full Stack Developer at ProFunctional, Kortrijk

February 2023 — May 2023

Reservation System for Padel Clubs

- Created a reservation system for 30+ padel clubs with secure keypad access
- Integrates with an API for code generation and controls court lighting based on daylight
- Club owners have a dashboard to view metrics and adjust settings

Junior Software Developer - Automation at ST Engineering (Former Newtec), Sint-Niklaas

October 2020

- Developed a python script that automated log extraction from modems that were multiple server hops away
- Manually this task took up to 15 minutes, the script dropped this to 1 minute or less.
- I learned what the key requirements are to save time & effort through scripting & automation

Summer Job Machine Learning - R&D project at ST Engineering (Former Newtec), Sint-Niklaas

July 2020 — August 2020

- Using Machine Learning to detect anomalies in log files
- I learned that rather than reinventing the wheel, implementing & elaborating an existing solution was the right choice to save time, effort and money.
- Python, Flask, bootstrap, Github, ElasticSearch, Grafana

Education

Bachelor Applied Computer Science, Hogeschool Gent, Gent

2019 — 2022

Postponed due to other priorities.

During my education I learned, among other things:

- How to create a professional web application with HTML, TailwindCSS, React.js & Node.js
- How to create an application in JAVA with GUI (Java FX)

Details

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Date of birth

11/10/2001

Nationality

Belgian

Driving license

B (since 2020)

Links

nicolasarnouts.be

Skills

Python

Django

TypeScript/JavaScript (React & Node)

React Native

HTML/CSS

TailwindCSS

Linux & Bash

UI/UX Design (Figma)

Languages

Dutch; Flemish

English

French

Interests

Electro/House music producer

Entrepreneurship

Human-computer interaction

Sustainable Development

- Computer architecture
- Database design & querying/manipulating data with SQL
- Software Design Patterns
- Data Science & Algorithms

Informaticabeheer, Broederschool, Sint-Niklaas

2017 — 2019

I learned to program in VB.net and HTML/CSS. As my final project, I created a walking route app (with GPS/backend/API) for Android, written in Java. Backend in ASP & VB.net

Elektriciteit-elektronica, GTI Beveren, Beveren

2015 — 2016

When I was 14 years old, I choose a school education closest to my interests: computers and programming. There I learned what bits and bytes are, how to design an electrical circuit, and how to make a speaker with an arduino.

🚧 Internships

Internship Machine Learning at ST Engineering (Former Newtec), Sint-Niklaas

May 2019

- Using Machine Learning to find a correlation between reduced internet quality of aircraft modems and metrics such as flight time, flight route, modem number, ,...
- I learned the basic concepts of Machine Learning by working hands-on with a real-life implementation
- Python (pandas, NumPy, scikit-learn, matplotlib) & Jupyter Notebook

🛠 Courses

UX/UI Design, Uxcel.com

September 2023 — Present

Full Stack Open, University of Helsinki

December 2022 — March 2023

★ Favorite books

- Deep Work
- Zero to One
- The Hitchhiker's Guide to the Galaxy
- Drive: The Surprising Truth About What Motivates us
- Sapiens: A Brief History of Humankind
- Thinking, Fast and Slow

★ Favorite podcasts

- Huberman Lab Podcast
- Lex Fridman Podcast
- The Joe Rogan Experience
- How I Built This