

Christelle Van Sebroeck

Senior Full Stack Software Engineer

An enthusiastic and hardworking senior full stack engineer with a passion for creating end-to-end applications, machine learning, and bioinformatics. 7 years commercial experience. Always keen to learn new technical skills. Eligibility: British Citizen

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WORK EXPERIENCE

Senior Full Stack Software Engineer UBIO

11/2022 - Present Remote, (UK based company)
Web Automation and low code software

Achievements/Tasks

- Stack: NodeJS, TypeScript, VueJS, Docker, Kubernetes, GitOps, GCP, ArgoCD
- Full stack engineering creating low code tool: NodeScript. VueJS frontend, NodeJS (TypeScript) backend.
- Contribution to company's frontend conventions and templates using VueJS and internal tooling.

Full Stack Software Engineer Dairy Data Warehouse

11/2021 - 11/2022 Remote, (Netherlands based company)
Data driven solutions for a sustainable dairy future.

Full-time - contract - fully remote:

- Stack: Python, ReactJS, TypeScript, Redux, Flask, Docker, SQL, Azure.
- Leading and developing frontend migration of their web application from Dash (Python) to ReactJS. With various dynamic functionality, authentication flows, translations.
- Backend: built with Flask - handling of database and API connections. Development of notifications pipelines sent to clients via SMS, WhatsApp and Email. Implementation of notification translations.

Backend Engineer SKOOT

07/2020 - 11/2021 Remote, (UK based company)
Carbon negative app for drivers. Planting trees and offsetting carbon from driving.

1 year, 5 months - full-time - permanent - fully remote:

- Stack: Python, PHP, Go, SQL, NoSQL, Docker, GCP, Ubuntu.
- Back-end development: Creating new APIs in Python and Go, and migrating APIs written in PHP to Python.
- Data engineering: Creating data pipelines using Singer, Docker and Airflow. Variety of databases: MariaDB, MongoDB, PostgreSQL, CockroachDB.

Software Developer Gold-i Ltd.

06/2018 - 08/2019 Guildford, Surrey, UK
Fin-tech company that creates application and plugins for brokers using MetaTrader 4 and MetaTrader 5.

1 year, 2 months - full-time - permanent - fully remote:

- Stack: NodeJS, ReactJS, SQL.
- Built full stack internal and external applications for Forex Trading services.

SKILLS

TypeScript NodeJS Python MongoDB
SQL JavaScript Kubernetes VueJS
GCP Docker CSS HTML Linux
ArgoCD

PROJECTS

ToxinClass (08/2022 - Present)

- Stack: Python, Flask, ReactJS, Redux
- Frontend for Dissertation project on classifying animal venom Proteins.

Vocasynt - (01/2022 - Present)

- Stack: Flask, ReactJS, Redux.
- Web app tool for learning languages.
- Creates vocabulary from music lyrics of songs in your chosen Spotify and/or YouTube playlists.

EDUCATION

BSc (Hons) Computer Science - University of Surrey 1st class honours

09/2016 - 06/2020 Guildford, Surrey, UK

Final year courses:

- Dissertation - "Machine Learning Approaches for Classifying Animal Venom Proteins".
- Data analysis of amino acid sequences related to animal venoms.
- Stack: Python, Pandas, Tensorflow - Applied deep-learning models, such as CNN, in conjunction with a Protein2Vec.

LANGUAGES

English ● ● ● ● ●
Portuguese ● ● ● ● ●
Spanish ● ● ● ○ ○

INTERESTS

Bioinformatics Capoeira Hiking
Running Language Learning Surfing
Swimming 3D printing Motorbiking