# Senne **Bels**

SOFTWARE ENGINEER · WEB DEVELOPER

*Sint-Jacobsmarkt 44,2000 Antwerpen, BELGIUM*

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## **Sum**mary

Fullstack Developer with a strong foundation in Game Development/Design. Able to effectively self-manage during independent projects, as well as collaborate as part of a productive team.

## **Ski**lls

| | |
|---|---|
| **DevOps** | AWS, Docker, Netlify, Heroku, SSH |
| **Backend** | Express, Django, Java Spring Boot |
| **Frontend** | React, NextJS, EmberJS, Remix, HTML5, CSS, TailwindCSS |
| **Data Science** | PySpark, Jupyter, Tensorflow |
| **Games** | Unity, Godot, Blender |
| **Languages** | Dutch, English, French, German |

## **Wor**k Experience

### Flanders Agency of Home Affairs
*Brussels, Belgium*

SOFTWARE ENGINEER — *July 2022 - Now*

- Expanding the Lynx platform I helped create during Open Summer of Code by using EmberJS
- Working on a big project released to the citizens of Flanders for ABB
- Using Machine Learning to help categorise municipal decisions
- Deploying the backend and frontend to the government servers
- Building a mail service that keeps citizens up to date with new decisions
- Using Docker and Github to automatically deploy the app to the server
- Using SPARQL to query municipal data from the Flanders Central Data Centre
- Draft up an optimised GeoJSON of Flanders
- Intuitively showcase data using Ember-C3 and D3
- **Skills**: Jira · SPARQL · DevOps · Web Design · Docker · Elixir · Linked Data · Ember.js

### BubblyDoo
*Antwerp, Belgium*

FRONTEND DEVELOPER — *February 2022 - June 2022*

- Using React and React-Konva to build a drag-and-drop tool to ease book and boardgame creation
- Working on POC's for the builder application
- **Skills**: Next.js · Prisma · Front-End Development · Git · Programming · JavaScript · React.js · Web Development · Computer Science

### JStack
*Kontich, Belgium*

FRONTEND DEVELOPER INTERN — *February 2022 - June 2022*

- Using React to build the frontend to an NFT music (demo) marketplace to kickstart aspiring musicians' carreer
- Using Solidity to build the backbone for NFT creation
- Testing with Cypress and Jest
- Building a global media player from scratch
- Implementing a swiping functionality
- **Skills**: Solidity · Kanban · NestJS · Blockchain · Front-End Development · Git · Non-Fungible Tokens (NFTs) · Programming · JavaScript · React.js · Node.js · MySQL · Web Development · Computer Science

### Inuits
*Brasschaat, Belgium*

FULLSTACK DEV & SOFTWARE ENGINEER — *July 2021 - September 2021*

- React Native to help build the frontend for a surveying application for Artevelde Hogeschool
- Django to build the backend including the REST-API
- VueJS to help build the dashboard
- Docker to set up the development, testing and production environments
- Skills: React Native · Vue.js · Front-End Development · Git · Python (Programming Language) · Linux · Programming · JavaScript · React.js · MySQL · Web Development · Computer Science

**Striktly Business Software**                                     *Antwerp, Belgium*

SOFTWARE TESTER                                                *September 2020 - June 2021*

- Used Gainsight to build Helper bot
- Writing a user manual
- QA Testing, End-to-end tests with Selenium
- Providing MySQL queries
- API documentation + Swagger
- Using Python to dig through big datasets and to do repetitive tasks
- **Skills**: Selenium · Git · Python (Programming Language) · Programming · JavaScript · AngularJS · MySQL · Web Development · Computer Science

# Education

**AP College University**                                          *Antwerp, Belgium*

BACHELOR'S IN COMPUTER SCIENCE                                              *2019 - 2022*

- Major in Big Data

**KDG Hogeschool**                                                 *Antwerp, Belgium*

BACHELOR'S IN MULTIMEDIA AND CREATIVE TECHNOLOGIES                               *2022*

- 3D Developement & VFX
- CGI Principles & Audiovisual Technologies
- Storytelling & Worldbuilding
- Maker

# Honors & Awards

2022     **Graduating Cum Laude**, AP University College                *Antwerp, Belgium*

# Certificates

**Linguapolis**                                                    *Antwerp, Belgium*

CHINESE                                                       *Sep. 2019 - Jul. 2020*

- A1 Reading, Speaking, Listening, Writing Mandarin

**British Consulate**                                              *Brussels, Belgium*

IELTS                                                              *Oct. 2021*

- 8.0 Overall score
- REF: 21BE001348BELS003A