

Caroline Denis

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SKILLS & INTERESTS

Languages: Python, Java, JavaScript (ES6, Node.js), HTML5, CSS, SQL, TypeScript | **Frameworks/Libraries:** Flask, Jinja2, jQuery, Bootstrap, React, Express, React Native, | **Databases:** MySQL, MongoDB, Mongoose, Amazon DynamoDB | **Tools:** AJAX, JSON, AWS (EC2) MySQL Workbench, Spring, PostMan, Socket.io, GraphQL, Git, Github **Foreign Languages** French - Fluent, English - Fluent | **Interests:** Wellbeing, yoga, travel.

TECHNICAL PROJECTS

[Escape - Underground Airbnb](#) | **Full-Stack Web Developer** | [Github](#)

Full stack MERN / React app allowing hosts to create, delete and edit stays as well as chatting together.

- Created a registration and authentication feature with tokens and cookies.
- Built clear API routing in the backend to allow hosts to store data using Express, Mongoose and MongoDB. Used cors to connect the frontend and backend.
- Implemented the use of Multer to process images loaded by users.
- Employed a React framework to give the user an interactive experience with responsive features, including dynamic text made with Typewriter and filter functions in Javascript.
- Utilized different open source APIs to provide users with features, such as calendar date picker and Google Maps address geocoding.
- Developed a general chat using Socket.IO, allowing users to stay connected across the globe.
- This project was built by a group of four students in a five day Agile sprint. As the team leader for this project, I started by presenting the wireframe for our end of week MVP goal, and assigning clear tasks to each team member using Trello. Finally, I revised all team members' code to implement it into our final project.

[The Good Map](#) | **Full-Stack Web Developer** | [Github](#) | [Deployment](#)

Full stack Python / Flask app promoting projects from non profit organizations that have a positive impact on the world.

- Built out registration, login utilizing bcrypt, personal information fields validation, cookie recognition to differentiate users from organizations for a secure user experience.
- Abstracted 4 OOP models to hold data that interact with each other for engaging user experience.
- Employed a Flask Python framework for fast implementation of additional features via Jinja and JavaScript such as user dashboard, varied logic for authorization, and flashed messages. Created explicit controllers routing for quick, responsive component rendering and website navigation.
- Used AJAX and JQuery to offer a 3D experience to visualize project's site with public API, tool being linked with MySQL database in order to create interactive pin markers when new projects are created.
- Created roadmaps, program plans, and scrum boards for a group of students to follow each person's progress. Deployed with AWS.

[Portfolio](#) | **Full-Stack Web Developer** | [Deployment](#)

Personal portfolio demonstrating my skills through different technologies.

- One page app showcasing the use of Javascript to display dynamic visuals.
- Demonstrate skilled use of HTML, CSS and JQuery to give a natural flow experience and user friendly website.

EXPERIENCES

Founder & CEO | Tbg Skincare | Los Angeles, U.S.A

2020 - Present

Start up in the American beauty industry.

- Designed the company's business plan, outlined the financial structure, founded the LLC, created pricing for wholesale and B2C
- Managed end-to-end the website, branding, design, product development, formulation quality control. Communicated with all stakeholders to ensure progress on all projects and managed time-line in a fast paced environment
- Started as a one person company and that grew into a team of 8 subcontractors active in marketing, sales and manufacturing. Tracked project performances through clear and measurable KPIs; proactively identified potential issues and managed each team member
- Directed evaluation of financial, operational, and sales structures of the company with the continuous goal to increase efficiency and remain within budget
- Communicated and collaborated with 12+ suppliers, oversaw orders to guarantee timely production and delivery

Founder & Treasurer | MaskIT NGO | Brussels, Belgium

2020 - 2021

NGO creating and distributing innovative face masks in the form of a kit during the beginning of the pandemic.

- Developed the product and the production line. To do so, designed and created prototypes leading to the final product in less than 1 month using a 3D printer, laser cutter, welder as well as photoshop and Auto-cad. Found the most effective production process in time and quality, respecting the European health standard for face mask
- Formed the financial plan, oversaw the company's bank accounts. Handled the relationship with investors and donors. Raised 20k euros, allowing us to pay for the raw material, rent and the machineries

- Pitched the product in front of up to 8 clients per week, mainly leaders of city halls and large companies that were offering masks to their citizens and employees. Managed 6 suppliers and controlled tens of orders. Created project plans to answer both the needs of stakeholders and customers and delivered within budget on desired outcomes
- Supervised a team of 60 volunteers. Defined project roles and responsibilities, including project scope and objectives to ensure a functional understanding amongst project members

Founder & Manager | DIY | Wavre, Belgium

2015 - 2018

After school start-up offering supervised Do-It-Yourself classes for family members of all ages

- Conceptualized the curriculum, created the workbooks for all teachers as well as the student manuals
- Coordinated and managed a team of 6 teachers, and led groups of 25 students. Tracked teachers and students progress by maintaining constant communication. Applied basic management principles to optimize time management and help everyone achieve the outlined goals

Head of class Teacher | Belgium, Vietnam, Australia

2014 - 2020

Head of class teacher in various international schools

- Taught 20-30 students in diverse cultures, languages and countries (Belgium, Vietnam, Australia). Supervised and evaluated the program and the teacher assistants
- Implemented positive classroom management strategies that promote teamwork, responsibility and time management
- Provided individual and group support to students using methods such as direct instruction and learning centers to motivate and instill enthusiasm for learning. This resulted in 99% of students successfully graduating
- Monitored student performance throughout the year, using varied assessments to improve student progress

EDUCATION

CODING Dojo | Los Angeles, U.S.A

October 2022

Full-Stack Developer Certificate | Immersive Program in Python, Java and MERN

ENCW University | Louvain-La-Neuve, Belgium

June 2014

Bachelor of Education | Magna Cum Laude