

Marvin Libam

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SKILLS

Coding skills

React, HTML, CSS, Bootstrap, JavaScript, TypeScript, React native, Android studio, C#, .Net, SQL, PostgreSQL, C++, C, Git, Python, Flask, Node, Vue.js

Other skills

Communicative, Team player, Creative, Detail oriented, Curious

Languages

French, English

EDUCATION

Epita • Kremlin-bicêtre, France

Masters in Computer Engineering • June 2023 (Anticipated Graduation Date)

- Specialization in frontend development.

Mahidol University • Bangkok, Thailand

Study abroad semester • January – March 2020

EXPERIENCE

SNCF Réseau • Paris, France

Software Engineer Intern • September 2021 – January 2022

Application used to simulate the propagation of current through a user configurable track circuit.

- Collaborated with internship manager and chief of service to put in place the project's specifications.
- Utilized my coding skills and knowledge to redesign the user interface and implement it.
- Work cogently with internship manager to allow configuration of the reception part of the circuit as well as taking it into account for the current propagation calculations.
- Utilized my writing skills to put in place a comprehensive and complete documentation, allowing future development of the project.
- Successfully updated the practices of the coding team and put in place a version control tool for the whole team.

PROJECTS

VoyageVoyage • React Native

A mobile social media app centered around travels

- Designed and implemented a modern interface.
- Learned how to effectively managed app state using redux.
- Utilized libraries as well as building optimized custom components and hooks to fit the app's design and functionality.
- Effectively communicated and retrieved information from the backend.

Not Wordle • React

A Wordle clone

- Properly recreated the feel and functionality of the original application.
- Created custom components and used libraries to achieve the desired result.
- Separated the game's logic from the visuals by creating a custom game hook.
- Utilized CSS functionalities to produce a fully responsive, animated and aesthetic application.
- Assured the correct behavior of key functions with tests under the Jest testing framework.

Pathfinding Visualizer • React

A 2D Pathfinding and maze generation app

- Effectively put in place pathfinding and maze generation algorithms.
- Learned how to put in place an effective algorithm visualization using CSS.

BMI Calculator • React Native

A mobile adult BMI Calculator app

- Explored the neumorphism design and put in place animated component.