Albert Tao

Nantes (44)
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I am a graduate of University of Nantes and a full-stack developer with over six years of freelancing experience. My skills include designing front ends in languages like React, developing back ends in languages like Node.js and Python, and integrating services and APIs like Stripe and Alchemy. I have worked with databases like MongoDB and DynamoDB and deployed apps to cloud service platforms like AWS and GCP and smart contracts and programs to blockchains like Ethereum and Solana.

Work Experience

Senior Full-stack Developer
Anybox - Paris, TX
January 2022 to June 2023

• Created Anybox's recommendation system, from research to front-end implementation, now driving 9% of the total revenue.
• Led the integration of a third-party provider, bringing a projected 1% additional revenue for 2022.
• Developed a warehouse processing time-prediction model that helped raise checkout CVR by 1%.
• Contributed to the customer-facing team, handling hundreds of thousands of sessions daily.

Technologies: PHP, TypeScript, Angular, SCSS, HTML, Laravel, Vue 2, HTML5, eCommerce, Front-end, Full-stack, APIs, Web Development, Databases

Backend Developer
ABAKUS IT-SOLUTIONS - Paris, TX
September 2019 to December 2021

• Developed the back end of a system that manages and executes load tests.
• Made RESTful API endpoints using JSON schemas to model and validate the input and output.
• Set up the automatic generation of Swagger documentation for the API endpoints and database types based on JSON schema models.
• Followed the behavior-driven development (BDD) methodology to make a fully-tested, documented back-end system and load test runner.
• Made a system capable of interpreting load tests written in the Cucumber language, and the system itself was automatically tested with unit tests written in Cucumber.
• Designed software to run load tests using a modified version of the Artillery JavaScript load testing library.
• Used MongoDB as a database and integrated it using the MongoJS library.
• Used a custom back-end framework built on top of Express.js to automate the execution of RESTful endpoints defined in JSON schemas.

Technologies: Node.js, JavaScript, Async/Await, Promise, Load Testing, JSON/XML Schemas, REST APIs, RESTful Development, Cucumber, Behavior-driven Development (BDD), Artillery, MongoDB, Swagger, Back-end Development, Frameworks, Express.js

Front End Developer

Namtech Solutions Pte Ltd - Singapore

May 2018 to June 2019

• Built an app for vehicle pricing that has been rolled out in more than 20 countries to monitor and price different types of vehicles.
• Communicated with the team using Microsoft Teams and tracked and fixed bugs using Jira.
• Headed the launch process, including rolling out the product in more than 20 countries.

Technologies: JavaScript, React, Redux, CSS, HTML, HTML5, JSON, Git, Agile, Scrum, APIs, Web Development, Front-end, User Interface (UI), REST, Responsive Web Design (RWD), ECMAScript (ES6), UI Development, Storybook, REST APIs, Next.js, Jest, Code Architecture, Front-end Development, UI Components

Web Developer

ActiveWizards - Singapore

August 2017 to April 2018

• Designed and developed a client custom version of the Interview Guide Builder, a tool for creating interviews specific to job levels.
• Built a customized version of the tool for clients such as American Express, Mercedes-Benz, Nomad Foods, Capitec
• South Africa, and Societe Generale Hong Kong.
• Improved how clients add new content to the tool by creating an Excel file that emulates the actual website allowing users to easily add, remove, or change content.

Technologies: JavaScript, jQuery, APIs, Web Development, Visual Studio Code (VS Code), Git, HTML, CSS, Web, Databases

Education

Bachelor's degree in Information Technology

University of Nantes - Nantes (44)

December 2019 to January 2023

Bachelor's degree in Computer Science

Nanyang Technological University - Singapore

March 2017 to August 2019

Skills

• MERN Stack (5 years)

• MEAN Stack (6 years)

• Content Management Systems (4 years)

• Python (3 years)

• Laravel (5 years)

• React Native (2 years)

- PHP (6 years)
- WooCommerce (3 years)
- Next.js (2 years)
- Nuxt.js (2 years)
- Django (3 years)
- MySQL (6 years)
- CSS (5 years)
- Node.js (2 years)
- Git (5 years)
- MongoDB (5 years)
- HTML5 (5 years)

Languages

- English - Expert
- French - Intermediate
- Chinese - Intermediate

Links

https://github.com/KingTiger0930