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Summary

Dr Ademusire is a frontend developer who uses JavaScript, React, Next.js, Typescript, REST APIs, PHP, Laravel, SQL, MySQL, Git, jQuery, Python, Django, CSS/CSS3, Bootstrap, Tailwind CSS, and HTML/HTML5 to create highly scalable, responsive and beautiful websites and web applications. He has exceptional leadership, communication, analytical and problem-solving skills; he is a fast learner, willing to go the extra mile, and is an excellent team player.

Dr Ademusire contributes regularly to open source (<https://github.com/Tunzeki>), most notably the React official docs and the Mozilla MDN web docs repositories on GitHub. He has passed standard JavaScript, Git, HTML, CSS, and Frontend development skill assessment exams by leading industry experts such as LinkedIn and Turing.

His work at SeriesClass led to a 70% increase in engagement and the average time spent on the company's website.

Experience



Frontend Developer

Alexander Brown Hall

Jun 2021 - Mar 2022 (10 months)

Every year, due to fewer available rooms than students, Alexander Brown Hall University of Ibadan (ABH UI) conducts a physical balloting exercise for the non-final-year students at the College of Medicine, University of Ibadan. Those who are successful in this balloting exercise gets allocated a bedspace within the hall of residence. This process usually takes days to complete. However, in 2021, the hall could not afford to do a physical balloting exercise due to Covid-19 social distancing guidelines.

As a 600-level medical student and PHP web developer resident in the hall, I developed a web-based application for this balloting and room allocation exercise using my knowledge of PHP. The virtual exercise was completed in few hours. This helped everyone involved to remain in compliance with covid-19 guidelines while saving work hours for staff of the hall and time for students. More so, the exercise was paperless and thus climate-friendly.

Due to my client's satisfaction with the 2021 application, my contract was renewed again in 2022 for the February 2022 balloting exercise.

Summary:

- Created web-based balloting and room allocation application using my knowledge of software development and the following tools: JavaScript, React, Redux, Typescript, Python, PHP, HTML, CSS, SQL, and Linux
- Designed a MySQL relational database for the application and executed SQL queries
- Optimized the database for maximum performance at scale

- Implemented authentication features to allow only a given list of eligible University students to use the application, prevent multiple balloting from a single user and allow only those who balloted successfully to choose a room
- Developed and maintained the user interface
- Implemented the design on mobile websites
- Created tools that improved site interaction regardless of the browser
- Managed software workflow
- Built on existing systems and implemented features
- Fixed bugs and tested for usability
- Used APIs and RESTful services



Frontend Developer

SeriesClass

Aug 2020 - May 2022 (1 year 10 months)

- Developed the application using JavaScript, React, Redux, Typescript, Python, HTML, CSS, SQL, and Linux
- Responsible for the development of a new highly responsive, web-based user interface using the React Framework.
- Built applications according to the design, provided designers with feedback and suggested tradeoffs when required.
- Carried out the web design
- Ensured the code follows the latest coding practices and industry standards.
- Developed a flexible and well-structured front-end architecture.
- Worked closely with backend developers to understand and properly use APIs and RESTful services.
- Worked and collaborated with the rest of the engineering team.
- Learned and understood user interactions.
- Wrote both unit and integration tests, and developed automation tools for daily tasks.
- Challenged ideas and opinions to avoid pitfalls and inefficient solutions.
- Contributed ideas across the technology stack, covering the end-to-end development of web and native applications.
- Wrote scalable code with associated tests.
- Fixed bugs.
- Collaborated with other team members to implement user stories, write tests, and continuously deliver new/improved product functionality.
- Conceptualized continuous delivery/continuous deployment
- Provided production support that includes evaluating efforts, investigating causes, and coming up with solutions to address defects.



Frontend Developer / Software Engineer

LittleLemon

Dec 2022 - Feb 2023 (3 months)

- Project URL: <https://tunzeki.pythonanywhere.com/>
- Created a web application for the LittleLemon restaurant
- Designed the frontend look and feel using JavaScript, React, CSS, SASS, HTML
- Built the backend using Python and Django
- Developed and maintained the user interface
- Implemented the design on mobile websites

- Created tools that improved site interaction regardless of the browser
- Managed software workflow
- Built on existing systems and implemented features
- Fixed bugs and tested for usability
- Built the backend logic
- Used APIs and RESTful services
- Made booking and reservation possible



Frontend Developer / Software Engineer

Expense Manager

Mar 2023 - Apr 2023 (2 months)

Expense Manager is a React application that helps employees of a company track their expenses over time. It is searchable in real-time and the data, displayed in a table, is sortable.

- Project URL: <https://melodic-melba-c0c5a9.netlify.app/>
- Did application design and implementation
- Created the application using React, Create React App, and modern JavaScript
- Used Git and GitHub for version control
- Built many reusable UI components
- Used state variables and event handler functions to add interactivity
- Did code documentation
- Carried out unit testing with Jest and the React Testing Library
- Used built-in hooks (like useState, useRef, useContext, etc) and custom hooks to hook in React features.
- Added a dark/light theme switcher using useContext
- Used Bootstrap, inline CSS styles, and CSS modules to style the application
- Added FontAwesome icons to the page

Education



University of Ibadan

Bachelor of Medicine, Bachelor of Surgery - MBBS, Medicine and Surgery

Mar 2015 - Dec 2022

Licenses & Certifications



Introduction to HTML5 - Coursera

PUMYFSED5374



Introduction to CSS3 - Coursera

7J7234Y9RF9Z



Interactivity with JavaScript - Coursera

D7X8WZM8EG6S



Advanced Styling with Responsive Design - Coursera

9QY2DPVFDCDM



Programming for Everybody [Getting Started with Python] - Coursera

T7ABT464RK4S



Web Design for Everybody Capstone - Coursera

J33UZ7BA4RCX



Web Design for Everybody: Basics of Web Development & Coding Specialization - Coursera

VZH8UVBFFV2X



Python Data Structures - Coursera

QTGRQ9E4Y7Q6



Using Python to Access Web Data - Coursera

NJSZQF9PTPHF



Using Databases with Python - Coursera

5XJ78HFVHYQD



Building Web Applications in PHP - Coursera

QGPK8X7SREPL



Introduction to Structured Query Language [SQL] - Coursera

NDANUDNPZ7T9



Building Database Applications in PHP - Coursera

VMLCW4K BKPRZ



JavaScript, jQuery, and JSON - Coursera

WC5Y6TN6HJ52



Web Applications for Everybody Specialization - Coursera

J9JQE2CSG4QZ



Business Model Canvas: A Tool for Entrepreneurs and Innovators [Project-Centered Course] - Coursera

CEYJ4A2PXH83



Cloud Computing Basics [Cloud 101] - Coursera

HY3FNSWTF8KD



Machine Learning - Coursera

S5C6PYYQ2TTY



Laravel - TestDome

0089a4cbaa474797918bc04767a0c8bc



Introduction to Git and GitHub - Coursera

FB5SHDGCW3VC



Git - TestDome

www.testdome.com/certificates/6b09b240a90542e2a61669a28a312ba3



Introduction to Back-End Development - Coursera

AZGYCWKGD9LU



Programming in Python - Coursera

WVS9QXUE5835



Version Control - Coursera

9LRY7RMQD72H



MySQL and SQL - TestDome

www.testdome.com/certificates/635b0c1f97b04af281a24a0494648e82



Introduction to Databases for Back-End Development - Coursera

AHEMH6TC432T



Django Web Framework - Coursera

RJF6YTMKBJ9N



React Basics - Coursera

MEA3XG2HXAVZ



Advanced React - Coursera

3GSA3EZFTKMS

Skills

Software Development • JavaScript Frameworks • REST APIs • Bootstrap • React.js • Next.js • TypeScript • Tailwind CSS • Git • HTML5