**IFEYINWA CONSTANCE EKEZIE**

**Arlington, Texas | 📞 817-901-1570 | ✉️ ifyekezie@yahoo.co.uk |** [**https://www.linkedin.com/in/ifylee**](https://www.linkedin.com/in/ifylee) **|** [**https://github.com/Ifylee**](https://github.com/Ifylee) **|** [**https://ify-workfolio.netlify.app**](https://ify-workfolio.netlify.app/)

**PROFESSIONAL SUMMARY**

Full-stack web developer proficient in modern web technologies, adept at designing efficient, user-focused applications. Combines a solid foundation in JavaScript, React, and Node.js with experience in process optimization and cross-functional collaboration. Collaborative team player with a passion for building scalable and user-centric applications. Dedicated to continuous learning and delivering impactful digital solutions.

**TECHNICAL SKILLS**

* **Front-End:** HTML, CSS, JavaScript, React, jQuery, Material-UI (MUI), DOM Manipulations
* **Back-End:** Node.js, Express.js, SQL, PostgreSQL, MongoDB, GraphQL, RESTful APIs, ORM (Sequelize, Mongoose), MVC architecture
* **Tools & Platforms:** Git, GitHub, Netlify, Render, Playwright, IndexedDB, Apollo Server
* **Frameworks & Stacks:** MERN (MongoDB, Express.js, React, Node.js)

**RELEVANT EXPERIENCE**

**Full-Stack Web Development Student**

UC Berkeley Extension Bootcamp **March 2024 - October 2024**

* Collaborated on Team Projects: Worked with a team of four developers to design, develop, and deploy a fully functional Content Management System (CMS). Utilized Handlebars.js for templating and Sequelize ORM for database management, resulting in a dynamic and responsive application.
* Developed Secure Authentication Features: Implemented session-based authentication middleware to protect user data and restrict unauthorized access, enhancing security and usability.
* Built Scalable APIs: Designed and documented RESTful APIs to handle CRUD operations, integrating them with a front-end framework to support seamless user interactions.
* Practiced Agile Development: Participated in weekly sprints, stand-ups, and code reviews, ensuring consistent progress and high-quality code delivery.
* Debugged and Optimized Code: Identified and resolved performance bottlenecks in database queries, improving response times by 20%.

**NOTABLE PROJECTS**

**Blog\_Vista CMS |** [**https://github.com/Ifylee/blog\_vista**](https://github.com/Ifylee/blog_vista) **|** [**https://blog-vista-q2wd.onrender.com**](https://blog-vista-q2wd.onrender.com/) **Overview:** A CMS-style blog site where users can post blogs, comment on others’ posts, and manage their profiles.

* Built the back-end with **Node.js** and **Sequelize** to handle relational data between users, posts, and comments.
* Used **express-session** for authentication and **Handlebars.js** for rendering views dynamically.
* Deployed on Render with a **PostgreSQL** database integration.

**GraphBooks |** [**https://github.com/Ifylee/graphBooks**](https://github.com/Ifylee/graphBooks) **|** [**https://graphbooks.onrender.com**](https://graphbooks.onrender.com/) **Overview:** A full-stack application enabling users to search for books.

* Transitioned the application from **RESTful APIs** to **GraphQL** with Apollo Server, reducing query complexity by 30% and improving scalability.
* Enhanced data retrieval speed by integrating **MongoDB**, enabling users to save and manage their favorite books for future reference.
* Leveraged the **Google Books API** to provide accurate and comprehensive search results for a seamless user experience.

**Weather-channel |** [**https://github.com/Ifylee/weather-channel**](https://github.com/Ifylee/weather-channel) **|** [**ifylee.github.io/weather-channel/**](https://ifylee.github.io/weather-channel/)

**Overview:** A web application that provides users with a five-day weather forecast for any city or state of their choice.

* Users can search for a specific city or state, and the app automatically generates a detailed weather forecast.
* Utilized API calls to fetch weather data and dynamically display forecasts using JavaScript.
* Created an intuitive user interface using Bootstrap, ensuring a responsive and user-friendly design for seamless access to weather information for travel planning or everyday use.

**Programming Student**

**Codecademy June 2022 - December 2023**

* Participated in coding challenges and exercises to enhance proficiency in algorithms, data structures, and software development best practices.
* Gained familiarity with Agile methodologies, including **Kanban** boards and task tracking.
* **Weather-channel** | [ifylee.github.io/weather-channel/](https://ifylee.github.io/weather-channel/)

Developed a weather application to provide users with a five-day forecast for any city or state by fetching weather data through API calls. Enhanced user experience with responsive design and dynamic content updates.

**PROFESSIONAL EXPERIENCE**

**Shipping Supervisor**

Motivating Graphics,Haslet, Texas | **September 2019 - June 2022**

* Leveraged data analysis to optimize shipping workflows and reducing processing time by 20%, a practice mirrored in debugging and optimizing code for performance.
* Mentored team members and fostered collaboration, demonstrating strong leadership and communication skills—qualities essential for contributing effectively to development teams.
* Working under deadlines and managing priorities.

**Customer Service & Marketing Manager**

Swiss Pump Company AG, Thun, Switzerland **March 2010 - August 2019**

* Enhanced client engagement through strategic insights, similar to designing user-focused features in web applications.
* Conducted competitor research to refine strategies, mirroring market research to adopt cutting-edge web development technologies.

**EDUCATION**

**Berkeley Coding Boot Camp Certificate**

**UC Berkeley Extension |** Berkeley, CA **| October 2024**

**Codecademy Online Learning Platform**

**Programming Courses: June 2022 – December 2023**

**University of Calabar |** Nigeria **| May 2004  
Bachelor of Arts in French**