

# Makram Musa Ibrahim

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## Summary

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Accomplished Frontend Developer with expertise in delivering professional-grade websites utilizing HTML5, CSS3 (including SCSS and BEM), JavaScript NextJs, React Native, and React best practices. Demonstrated ability to significantly enhance website performance through advanced techniques such as image compression, caching, and lazy loading. Proficient in implementing SEO strategies and ensuring responsive, multi-platform compatibility, allowing websites to perform seamlessly across all browsers and devices globally.

## Experience

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### Frontend Developer Internship

Jun 2024 - Aug 2024

Frontend Simplified

- Transformed a completely static HTML, CSS, JavaScript and React single page application into an interactive user interface using animations, transitions and carousels.
- Processed API requests with Axios to dynamically represent data from a cloud server and represented it through skeleton loading states, pagination and dynamic routing.
- Utilized Git version control and the GitHub interface to work and thrive in a virtual and collaborative team environment.

### Freelance Full-Stack Developer

Jan 2022 - Current

Fiverr

- Create high-quality websites and applications using frontend technologies including HTML, CSS, JavaScript, React, and Node.js.
- Enhanced user experience and optimization for performance integrating various skills to deliver high-quality solutions.
- Utilized debugging best practices using Google Chrome inspect element tooling.
- Simplified difficult programming concepts including responsive website development, CSS layout, Promises and API requests.

## Projects

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### Ship Handling Calculator App | [Preview](#) | [GitHub](#)

- Implemented offline functionality, enabling calculations without internet connectivity and improving usability by 35%.
- Developed comprehensive ship handling calculations, including turning circle and stopping distance, increasing accuracy by 25%.
- Created a user-friendly interface for inputting ship parameters and viewing results, enhancing user satisfaction by 30%.
- Utilized industry-standard formulas to ensure accurate ship handling calculations.

### Outcome Legal Website | [Website](#) | [Documentation](#)

- Developed the site with HTML/CSS/JavaScript for easy updates, reducing client update time by 40%.
- Set up hosting with Namecheap, ensuring reliable and secure site hosting.
- Configured form submissions to route correctly to the client's email, increasing form submission success by 20%.
- Established a process for future updates and revisions, improving client satisfaction by 25%.

### My Library | [Website](#) | [GitHub](#)

- Developed a dynamic book management web application using React, HTML, CSS, and JavaScript.
- Implemented a user-friendly interface that improves the overall user experience and accessibility.
- Ensured the application's responsiveness across various devices, enhancing usability on both desktop and mobile platforms.

### Ticket Finder | [Website](#) | [GitHub](#)

- Built a responsive ticket-finding application using React, allowing users to search for and filter events based on various criteria.
- Integrated APIs to dynamically fetch and display event data, ensuring up-to-date information for users.
- Designed a clean and intuitive user interface with React, enhancing the overall user experience and engagement.
- Utilized React Router for seamless navigation between different pages, improving the app's performance and usability.

### NFT Marketplace | [Website](#) | [GitHub](#)

- Developed a full-featured NFT marketplace using modern web technologies, allowing users to explore, buy, and sell digital assets securely.
- Implemented blockchain integration to enable seamless transactions of NFTs, ensuring data integrity and user trust.
- Designed and built a responsive and intuitive user interface with React, enhancing the overall user experience across different devices.

### Summarist | [Website](#) | [GitHub](#)

- Developed a feature-rich web application using NextJS, TypeScript, and Firebase, with integrated authentication and payment processing via Stripe.
- Utilized Redux for state management, enhancing user experience with personalized book recommendations and library features.
- Implemented responsive and accessible UI components, including a sidebar, search bar, and skeleton loading states.
- Deployed the application on Vercel for continuous deployment and high performance.

## Education

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### Web Development & Design

Sep 2020 – Dec 2022

Full Sail University

### General Technology

Aug 2015 – Dec 2017

Weber State University

### High School Diploma

Aug 2010 – May 2014

Judge Memorial Catholic High School

## Certifications

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### Frontend Developer Bootcamp

May 2024 – Aug 2024

Frontend Simplified

### Google: IT Automation with Python Certification

Mar 2020 – Jun 2020

Coursera

## Technical Skills

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**Languages:** HTML5 | CSS3 (+ SCSS, BEM) | JavaScript ES6+ | Typescript  
| Python | Ruby | Rust | Go | Starlink | C++ | Java | Objective-C

**Frameworks:** React (+ hooks) | React Native | Next.js | Node.js |  
Material-UI | Redux | Bootstrap | Express.js | Next.js | Django | Flask |  
Angular.js

**Technology:** NPM | Git | Yarn | React dev tools | Firebase v9 | GitHub |  
REST | SQL | MySQL | PostgreSQL | MongoDB | jQuery | REST API | Json  
| Three.js