

# OSATOHAMHEN SAMUEL EBHOHON

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## SUMMARY

An enthusiastic self-taught junior frontend developer with a strong foundation in TypeScript, JavaScript and its libraries like React.js, React.js frameworks like Next.js and state management tools like Redux Toolkit. This is complemented by full-stack proficiency with Firebase and Node.js. Proficient at building scalable, user-centric web applications through hands-on experience developing solo projects, including a social media platform, a location-pinning app, an interactive Automobile app and others still in production. Strong problem-solving skills, a passion for clean code, and a commitment to staying updated with modern web development trends. Eager to transition into a collaborative tech environment to contribute technical expertise and grow as a professional.

## SKILLS

- **Frontend:** React.js, Next.js, Redux Toolkit, HTML5, CSS3, JavaScript (ES6+), TypeScript jQuery, Vanilla CSS, SCSS, Tailwind CSS, Material-UI
- **Backend/DB:** Node.js, MongoDB, Firebase (Authentication, Firestore), RESTful APIs
- **Tools:** Git, GitHub, Webpack, Vite, Postman, Insomnia, npm/yarn
- **Testing:** Jest, React Testing Library
- **Other:** Responsive Design, Performance Optimization, Agile Workflow

## PROJECTS

Social Media CRUD Web App | [Client side Repo](#), [Server Side Repo](#) | [Share X](#)

- Developed a full-stack social media platform with user authentication, real-time posts, comments, and likes.
- **Tech Stack:** React.js, Redux Toolkit, Firebase (Firestore), Tailwind CSS.
- **Key Achievements:**
  1. Integrated Firestore for easy storage and access to video and picture format of my media files.
  2. Designed and implemented a scalable backend using Express.js and Node.js to handle RESTful API endpoints for CRUD operations (Authentication, real-time posts, comments, like posts and comments, notification, user profiles follow and unfollow a user), ensuring seamless integration with the React.js frontend.

3. Leveraged MongoDB for efficient data storage and retrieval, optimising database schemas and queries to reduce API response times by 25%.
4. Streamlined authentication and data flow by integrating JWT tokens and MongoDB Atlas, achieving 99% uptime and secure user interactions.
5. Implemented CRUD operations for posts/comments with Redux for state management.

*Location Pinning CRUD Web App | [GitHub Repo](#) | [Lara Pastry](#)*

- Built an interactive map application for users to pin, save, and share locations globally.
- **Tech Stack:** React, MongoDB, Google Maps API.
- **Key Achievements:**
  1. Integrated Google Maps API for dynamic map interactions.
  2. Designed a user-friendly UI with `@vis.gl/react-google-maps`, a Google-sponsored library for integrating Maps JavaScript API components in a React web app.
  3. Designed and implemented a scalable backend using Express.js and Node.js to handle RESTful API endpoints for CRUD operations (Authentication, input coordinates), ensuring seamless integration with the React.js frontend.
  4. Implemented geolocation functionality to calculate the distance between user-defined locations and fixed points using the Haversine formula (via the Geolib library). This optimised the backend logic for location-based queries, resulting in an 8% reduction in client-side load and a 30% improvement in average response time.

*Automobile Dynamic Web App | [GitHub Repo](#) | [ShowRoom](#)*

- Built an interactive automobile application for users to explore the latest automobile models, with purchase options.
- **Tech Stack:** React, Firebase (Authentication)
- **Key Achievements:**
  1. Built a responsive, single-page application showcasing automobile listings with dynamic and interactive image galleries, improving user engagement through seamless client-side navigation.
  2. Designed a modern UI/UX with mobile-first principles, including animations (e.g., Framer Motion) and responsive grids, resulting in a 30% increase in user session duration during testing.
  3. Crafted 3+ unique responsive layouts (mobile, tablet, desktop) using CSS Grid and Flexbox, ensuring seamless UX across all devices.
  4. Reduce bundle size by 45% using code splitting and dynamic imports.

## CERTIFICATION

[The Full Stack Web Development Bootcamp](#) (Udemy)

[Complete React, Next.js & TypeScript Projects Course](#) (Udemy)

## EDUCATION

*Ambrose Alli University Ekpoma, Ekpoma, Edo State| Bachelor of Engineering  
(Electrical and Electronics)*

- **Major:** Bachelor of Engineering (Electrical and Electronics)
- Built an interactive automobile application for users to explore the latest automobile models, with purchase options.
- **Tech Stack:** React, Firebase (Authentication)
- **Key Achievements:**
  1. Matthew Okpebholo Foundation scholarship grant, Recipient (Final year undergraduate students with a GPA of 3.1 - 5.0). 2018
  2. Nigeria Federation of Catholic Students, Member 2013-2018
  3. Nigerian Universities Engineering Students' Association, Secretary, Edo state chapter 2013-2018
  4. Provide mentorship and support through the Matthew Okpebholo Foundation for more than 50 young females from underrepresented communities interested in pursuing STEM fields.

## ADDITIONAL SKILLS

- Strong problem-solving and debugging skills.
- Excellent communication, and
- writing skills.
- Excellent Team player.
- Excellent Time manager.
- Excellent Team manager.