

# OBED NUERTEY

## Frontend Developer - React

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## Professional Summary

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Full Stack Developer with over 2 years of experience in designing, developing, and maintaining web applications using Node.js, ReactJS, NextJS, and NestJS. Proficient in creating scalable web components and applications with a strong emphasis on responsive and user-friendly interfaces. Skilled in both front-end and back-end development, with a focus on performance optimization and continuous integration. Experienced in Git, GitHub, Linux (Ubuntu), and cloud services like AWS.

## Key Skills

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- **Languages:** JavaScript, TypeScript, HTML5, CSS3
- **Frameworks:** React.js, Next.js, Redux, Tailwind CSS, SASS, NestJS, Node.js, Express
- **Tools:** Git, GitHub, Webpack, Babel, Cypress, Jest, Mocha, Chai, Prisma, CI Tools
- **Databases:** MongoDB, MySQL, PostgreSQL
- **Web Technologies:** AJAX, RESTful APIs, Functional Testing, Unit Testing
- **Cloud Services:** Firebase, Netlify, AWS.
- **Design Principles:** Responsive Design, Cross-browser Compatibility, and Mobile-first Design.
- **Soft Skills:** Strong communication skills, Quick learner, Innovative thinker, Collaborative team player.
- **Other:** Debugging

## Professional Experience

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### Project: Money Laundering Application

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- **Role:** Frontend Software Engineer
- **Video Overview:** [watch-video](#)
- **Link to Site:** [msys-susu](#)
- **Link to Code:** [GitHub Repository](#)
- **Date:** Start – 22<sup>nd</sup> April 2024, End – 14<sup>th</sup> May 2024
- **Description:**
  - Developed and maintained user interfaces using **React**, **Next.js**, and **Tailwind CSS**.
  - Created dynamic and responsive web pages with interactive elements.
  - Collaborated with backend engineers and product managers to ensure project success.

- Implemented **Firestore** Authentication and Storage within React context API for security measures.
- Developed backend with **NestJS**, **MySQL**, and **Prisma**.
- Hosted backend on **AWS EC2** instance and MySQL database on **AWS RDS**.
- Optimized web application performance by 20% using React lazy loading techniques.
- Mapped backend service route to **AWS API Gateway** to abstract backend service.
- Optimized web application for web performance metrics using React lazy loading techniques, improving page load times by 20%.

## Project: Portfolio Website

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- **Role:** Frontend Engineer and Software QA
- **Link to Site:** [Portfolio Website](#)
- **Link to Code:** [GitHub Repository](#)
- **Date:** August 2023
- **Description:**
  - Developed components using **TypeScript**, **React**, **Tailwind CSS**, **jQuery**, and **SASS**.
  - Applied TDD with **Cypress** for unit testing.
  - Ensured cross-browser compatibility and responsive design.
  - Used Git for version control and hosted on Netlify.

## Project: Drum Machine

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- **Role:** Frontend Engineer
- **Link to Site:** [Drum Machine](#)
- **Link to Code:** [GitHub Repository](#)
- **Date:** January 2023
- **Description:**
  - Built components using **JavaScript**, **React**, **jQuery**, and **SASS**.
  - Managed state with **Redux** and ensured cross-browser compatibility and responsive design.
  - Used Git for version control.
  - Hosted on Netlify.

## Education

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FreeCodeCamp, San Francisco

## Certification

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- [Responsive Web Design](#)
- [JavaScript Algorithms and Data Structures](#)
- [Data Visualization](#)

- [Front-End Development Libraries](#)
- [Back-End Development and APIs](#)
- [Quality Assurance](#)
- [Relational Database](#)

## Additional Information

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- **Languages:** English (Fluent)
- **Hobbies:** Coding, Problem-solving

