Oscar Alcalde

Full-Stack JavaScript Developer

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Summary

Full stack developer with one year of experience seeking an entry-level position in software development. Proficient in frontend and backend programming languages such as JavaScript, Node.js, Firebase, MongoDB, React, React Native, HTML, CSS, NoSQL, Microservices, Serverless, Agile, DevOps, and Python. Skilled in building scalable web applications, mobile apps, and backend services. Experienced in collaborating with cross-functional teams to deliver high-quality products. Experienced in collaborating with cross-functional teams to deliver high-quality products. Renowned for meticulous attention to detail, backed by excellent verbal communication skills that bridge technical and non-technical audiences. Leverage strong problem-solving skills, robust organizational skills, and project management skills to prioritize tasks, streamline workflows, and consistently meet demanding deadlines.

Technical Skills

- Programming Languages: JavaScript, Python
- Web Development: HTML, CSS, React, React Native
- Backend Development: Node.js, Express, MongoDB
- Database Management: Firebase, MongoDB
- Version Control: Git
- Serverless: AWS Lambda, Cloud Functions for Firebase
- Microservices: Docker, Kubernetes
- CI/CD: Tekton, GitHub Actions
- DevOps: Docker, Kubernetes, Red Hat OpenShift
- Agile: Kanban

Experience

ByteWork | Owner / Full-Stack JavaScript Developer | March 2025 - present

- Designed and built a public marketing website for ByteWork, a hyper-local micro-gig concept.
- Implemented modular React components and CSS classes for rapid iteration and fully-responsive layouts.
- Configured CI/CD on Heroku for automatic deploy previews on every pull request.

Bird Street Bistro | Full-Stack React Developer | December 2024 - January 2025

- Built an inventory management system using React.
- Designed and managed Firebase databases, optimizing query performance and reducing latency.
- Implement pixel-perfect UI designs using CSS and React.

Conscious Mobile App | Owner / Full-Stack React Native Developer | March 2023 - August 2024

- Engineered and released mobile applications using React Native, emphasizing user-centric features and accessibility improvements.

- Managed Firebase databases, implementing indexing strategies and optimizing data structures to minimize query times and enhance app responsiveness.
- Designed and implemented visually appealing and functional UI components, leveraging React Native's capabilities for a native app experience.

Education

IBM JavaScript Full-Stack Developer Professional Certificate 2024-2025

Coursera, Online

Relevant Coursework: Full-Stack Web Development, JavaScript, Node.js, React, MongoDB, HTML, CSS, NoSQL, Microservices, Serverless, Agile, DevOps

Complete React Native Bootcamp (with Hooks) 2023-2023

Udemy, Online

Relevant Coursework: React Native

B.A. Anthropology, University of Colorado Denver (2013-2017)

Projects

Meal-on-Wheels

Developed a full-featured e-commerce website using React, Node.js, and MongoDB. Implemented user authentication, product management, and secure payment processing.

GitHub Repository

Conscious Hypnosis App

Created a mobile health app using React Native and Firebase for real-time data synchronization. Features include guided hypnosis sessions and user progress tracking.

Preview

Conscious Wear OS App

Developed a wearable OS app using React Native and Firebase. Integrated personalized recommendations.

GitHub Repository

Bird Street Bistro Inventory Management System

Built an inventory management system for a local bistro using React, Node.js, and MongoDB. Features include real-time inventory tracking and automated reorder points.

GitHub Repository

Portfolio Website

Designed and developed a personal portfolio website using React and Node.js. Showcased projects, skills, and professional experience with an interactive design.

GitHub Repository

Express Book Reviews

A web application that allows users to review and discuss books, featuring a simple and intuitive interface built with Express.js.

GitHub Repository

Marketing E-Commerce Website

A marketing website designed to showcase an eCommerce platform, featuring a clean and intuitive interface that drives engagement and sales.

GitHub Repository

ByteWork

ByteWork connects freelancers and clients with seamless cryptocurrency payments, featuring a sleek and modern interface designed for ease of use.

GitHub Repository