

Randy Hac

FullStack Software Engineer

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TECHNICAL SKILLS

Programming Languages | Javascript ES6+, SQL, HTML5, CSS, Python, PHP, Java, TypeScript

Frontend | Dom Manipulation, React, React Hooks, Redux Toolkit, Next.js, Tailwind

Backend | PostgreSQL, Express.js, Flask, SQLAlchemy, Node.js, AWS, Socket, Supabase

WORK EXPERIENCE

Software Engineer at FireWave - Contracted - Next.js, TypeScript, Vercel, Supabase 2023 - Present

- Worked independently to successfully deliver projects within tight deadlines, ranging from 2 to 4 weeks.
 - Utilized **TypeScript** with **Next.js** to bring type safety to the frontend codebase, reducing errors and enhancing the maintainability of the application.
 - Collaborate closely with **clients** to understand their requirements and objectives for their web application.
 - Provide ongoing support and **maintenance** for Next.js and TypeScript applications, addressing any issues or updates promptly to meet client needs.
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PROJECTS

Allu | Dev | [Github](#) - Hackathon | **React.js, PostgreSQL, Express, JavaScript, AWS** 2024

- Led a **hackathon project** focused on **web accessibility**, which involved identifying a client and tailoring solutions to meet their accessibility needs.
- Orchestrated a cross-functional team of four individuals, overseeing **UI, frontend, and backend development tasks**, and ensuring efficient task allocation and completion.

Phoebe | Dev | [Github](#) - [Phoebe](#) | **React.js, PostgreSQL, Tailwind, Framer Motion, Express, JavaScript** 2023

- Devised a web-based project management tool with a Kanban board, reducing project completion time and boosting task efficiency, ultimately enhancing project productivity.
- Developed and optimized the **Redux store**, streamlining data intake, updates, and persistence from diverse sources; decreased data processing time and enhanced system reliability to efficiently receive data.
- Crafted a **drag-and-drop feature**, engineering an algorithm in **Javascript** to ensure positional data integrity on the **frontend state management** and **backend database system**.

Accord | Dev | [Github](#) - [Accord](#) | **React.js, Redux, Express.js, FlaskSQL, AWS, Socket.io, JavaScript, Python** 2023

- Applied a runtime patching technique on the **backend** in **Python** to resolve conflicts between the **AWS** server and **WebSockets**, preventing uninterrupted operations.
- Utilized **Boto3** to grant access to **AWS S3 bucket**, incorporated **backend** capabilities to enforce image type validation, and employed UUIDs to generate unique identifiers for each uploaded image.
- Spearheaded the **frontend** design template and **React** component styling, delegating the data population tasks to team members for a collaborative and efficient workflow.

GatherUp | Dev | [Github](#) - [GatherUp](#) | **React.js, Express, PostgreSQL, JavaScript** 2023

- Created a robust full-stack application by developing a back-end with **Express** and **PostgreSQL**, efficiently managing database interactions, server-side logic, and data operations.
 - Implemented a responsive and user-friendly front-end using **React**, incorporating various UI components and ensuring seamless navigation for an enhanced user experience.
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EDUCATION

App Academy | Advanced Software Engineering Immersive Program 2022 - 2023

City College of San Francisco | Computer Science | Java 2020 - 2022