

Fullstack Developer

Tracy Sandoval

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Education

Western Governors University - Bachelors of Computer Science

Status - In Progress

Work Experience

Fullstack Developer - GungHo Online Entertainment

May 2024 - July 2025

Next.js, Typescript, Bootstrap, CSS, Firebase (Auth, Firestore), Google Analytics, Jira

- Collaborated in a remote Agile team to build & maintain a news platform & company website to share updates & announcements with their player community.
- Built reusable Next.js components & server actions to streamline development, and used Sass with Bootstrap to create a fully responsive, accessible design.
- Implemented Firebase Auth & Firestore for secure content management & integrated Google Analytics into an admin dashboard to monitor site traffic and user engagement.

Projects

AI Web Automation Platform - QuickScape

Next.js, TypeScript, Tailwind, ShadCn, Tanstack Query, ReactFlow, Puppeteer, Prisma, SQLite

- Built a web automation tool that allows users to create custom workflows using a drag and drop interface, AI prompts, encryptable inputs & scheduled cron jobs.
- Developed the frontend with ReactFlow, Tailwind, & ShadCn for a clean UI, and created the backend in Next.js using Prisma and SQLite.
- Utilized Puppeteer & Cheerio to automate browser tasks, & integrated Google Gemini for an AI web scraping feature.

Drag and Drop Form Builder - Formly

Next.js, Typescript, Tailwind, ShadCn, React DnD, Gemini API, PostgreSQL, Prisma

- Created a form builder with drag-&-drop functionality using React DnD, enabling users to design forms visually or generate them with AI.
- Built real-time form response tracking & shareable links, enabling users to monitor submissions & outreach metrics from the dashboard.
- Built with Next.js, Tailwind, & ShadCn on the frontend, the backend uses Prisma, PostgreSQL, & Typescript with Next.js server actions

Real-time Messaging App, Akasha Terminal

React, Vite, Javascript, Sass CSS, Zustand, Firebase, Firestore, Firebase Auth, Vitest

- Created a full-stack real-time chat app with Vite & Firebase, allowing users to log in, connect, & chat securely.
- Managed user & message data effectively across components using Zustand & for state management, & tested backend functions with Vitest.
- Integrated Firebase Auth for secure user authentication, Firestore blob storage for images, & Firebase's NoSQL database for storing users chats, & message data.