Jacob Gifford *Full Stack Engineer*

✉ giffordjacob0@gmail.com   📍 San Francisco, USA   📞 (628) 224 3983   in Jacob Gifford

🔗 https://jgifford.dev   ◯ GitHub

Skills

Languages
Typescript, Javascript, Python, HTML5, CSS3

Tools
SQL, PostgreSQL, MongoDB, Prisma, Docker, Socket.io, Jest, Git, Postman

Frameworks
React, Next, Express, Node, Flask

Technologies
RESTful API, Framer Motion, Photoshop, React Query, React Router, WebSockets, Lightroom

Professional Experience

Full Stack Engineer   04/2024 – present | Remote, USA
CodePDX Volunteer 🔗
React.js, Material UI, Javascript, git, Docker
- Developed WCAG and a11y compliant themes using MUI, and React, enhancing user experience
- Actively involved in the software development lifecycle, from requirement analysis and design to implementation, testing, and deployment, adhering to best practices and industry standards throughout

Full Stack Engineer   11/2023 – 03/2024 | Remote, USA
Freelance Consultant
TypeScript, React.js, Next.js, TailwindCSS, Express, PostgreSQL
- Designed, planned, and delivered robust single-page applications for clients within reasonable time-frames
- Provided clients with publishing options, bundled, deployed and maintained their applications
- Communicated regularly with stakeholders, reporting the state of the application and collaboratively determining new features and ideas to implement

Homeroom Teacher   07/2022 – 08/2023 | Shanghai, China
Jimei KRK
- Utilized my development skills to establish a local real-time streaming server showing live drone footage
- Organized graphics design, budget, catering, and hosted social events accommodating ~400 attendees

Projects

Gradient Fitness 🔗
React, Typescript, TailwindCSS, PostgreSQL, Chart.js, Express.js
- Collaborated with fitness professionals to determine and design useful analytics for strength training
- Created robust charts using public datasets and medical research, allowing professionals and hobbyists to gain a deeper and more accurate understanding of their physical strength
- Utilized PostgreSQL with Prisma to quickly analyze and aggregate large datasets for statistical analysis

Symphony 🔗
React, Typescript, TailwindCSS, MongoDB, Socket.io, Express.js
- Full stack Discord clone utilizing web sockets for instant messaging with an Express.js server
- Utilized Photoshop and Framer Motion to develop a beautiful and performant login UI
- Featuring private and public rooms, markdown plugin support, and general user statistics

Battleship 🔗
Javascript, Typescript, Jest, Socket.io, Express.js
- Created the classic battleship game with UI improvements and uniquely tailored special abilities
- Implemented an online PvP mode using a web socket server for real-time communications

Open Source Contributions

The Odin Project
- Curriculum: Overhauled the CSS Foundations sections, reorganizing and enhancing lessons
- Curriculum: Provided input on and helped write new Node.js, and SQL lessons
- Minor: Fixed minor bugs and typos, and improved statements for clarity and accessibility

Education

Purdue University   08/2016 – 05/2020 | West Lafayette, USA
B.S. Chemistry (conc. Biochemistry)

The Odin Project   01/2021 – 02/2023 | Remote
Full Stack Development