Jacob Gifford *Full Stack Developer*

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⬉ Portfolio   ○ JaeGif

Skills

Languages
Typescript, Javascript, Python, HTML, CSS

Frameworks
React, TailwindCSS, Next.js, Express, Node.js

Tools
MongoDB, SQL, PostgreSQL, Prisma, Mongoose, Jest, Vite, Git, Postman

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

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, Web Sockets, 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

Totally Not Instagram 🔗
React, Javascript, MongoDB, Express.js, CSS
- Implemented core Instagram functionality including search, likes, posts, and profiles
- Planned and designed from broad project specifications

Open Source Contributions

The Odin Project
- Curriculum: Overhauled the CSS Foundations sections, reorganizing and enhancing lessons
- Minor: Fixed minor bugs and typos, and improved statements for clarity and accessibility

Professional Experience

Homeroom Teacher   2022 – present
Jimei KRK
- Utilized my development skills to establish a local real-time streaming server showing live drone footage
- Effectively planned, and coordinated large-scale academic events for the school resulting in an overall 15% increase in literacy among students aged 3 to 7 over a one-month period
- Organized graphics design, budget, catering, and hosted social events accommodating ~400 attendees

Teacher   2020 – 2022
EF Education First
- Consistently exceeded performance KPI's scoring in the top 5% of teachers in the region
- Mentored new employees, and reviewed their initial performance in formal meetings
- Featured in multiple promotional materials endorsing the curriculum and teaching quality

Undergraduate Researcher   2016 – 2018
Chopra Laboratory
- Modeled molecules and predicted interactions using an in-house computational model
- Quantified results, interpreting data with Python and R, to develop a broad protein interactome

Education

Purdue University   2020 | West Lafayette, USA
B.S. Chemistry (conc. Biochemistry)