John Gorriceta

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Education

Brigham Young University - Idaho   Dec 2024
B.S. Computer Science | Emphasis: Machine Learning   Rexburg, ID
- Cumulative GPA - 3.92 (Cum Laude)
- Computer Science Tutor (Volunteer)

Skills

Javascript (4 yrs)	Typescript (2+ yrs)	FastAPI (1+ yr)
Python (4 yrs)	PHP (2 yrs)	C# (1 yr)
React (3+ yrs)	Next.js (1+ yr)	SQL (1 yr)

Work Experiences

Full Stack Engineer   Jan 2025 - Present
*DataThink (**React, TypeScript, Python, FastAPI, Google Cloud**)*   Remote
- **Enhanced the product payment flow** by developing UIs with React, Typescript, and TailwindCSS, while implementing backend functionality in FastAPI to support cash payment handling, refund processing, and robust transaction monitoring.
- **Reduced application build times by 50%** by optimizing development environments and CI/CD pipelines with high-performance package managers, including uv and pnpm.

Project Team Lead – Intern Development Program   May 2024 - Present
*United States Air Force (**React, TypeScript, TailwindCSS, Cloudflare**)*   Hill AFB, UT
- **Promoted from intern to full-time Project Team Lead** after initiating cloud computing intern project and leading redesign of existing intern onboarding software using Typescript, Vite, and TailwindCSS.
- **Developed 2 internal applications** using React, TypeScript, and TailwindCSS, collaborating closely with project stakeholders to design intuitive UIs that streamline intern onboarding and information distribution.
- **Reduced proposed cloud infrastructure costs by $10k** by implementing a cloud computing project for interns, leveraging Cloudflare Workers, D1, and Pages for cost-effective and simplified full-stack deployment.

Frontend Engineer   Nov 2023
*IvorySafe (**React, TypeScript, TailwindCSS, Vite**)*   Remote
- **Led the architecture of the platform's frontend** using React, TypeScript, and Vite to enable a fast, type-safe development environment and ensure a robust production deployment.
- **Leveraged local-first architecture and client-side caching patterns** to ensure performant user experience and dramatically reduce network latency.
- **Increased frontend development efficiency by 40%** by establishing a design workflow that leveraged Figma for high fidelity mockups and shadcn for highly customizable UI components.

Projects

*johngorriceta.com (**React, Typescript, Next.js**)*   Present
- **A portfolio site** designed to showcase all dev projects.

*unbingedtv.com (**React, Typescript, Next.js, Prisma, Turso**)*   Sep 2024
- **Built a binge-watching planner** with React, TypeScript, and Next.js for easy TV and movie list sharing.
- **Conducted a small beta test with 5 users**, gathering feedback to iterate on design and UX, enhancing application usability.

*Connect Academy (**Next.js, OpenAI, LangChain, Firebase**)*   Oct 2023
- **Developed an AI-driven learning platform** with GPT-3.5, Next.js, and LangChain.js to enhance the networking skills of freshman marketing students.
- **Led four-person user testing group** to gather insights for designing an intuitive UX while developing the platform UI.