Geo Sauer
Full-Stack Software Engineer

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SKILLS

Languages: *JavaScript, HTML, CSS, Node, Express, React, TypeScript, Markdown, Next.js*
Technologies: *Discord.js, Chakra UI, Formik, Yup, Jest, SuperTest, SuperAgent, Replit, PostgreSQL, Supabase, Beekeeper Studio, Netlify, Heroku, Whimsical, Miro, Figma*

PROFESSIONAL EXPERIENCE

Freelance Web Developer (Feb. 2023 - Present) / Loveland, Colorado
Grimoire for the Modern Mage (grimoire-for-the-modern-mage.netlify.app)

- Engaged with 3 tabletop gaming groups to conduct needs assessments and recognized a common challenge: inadequate space on their spell sheets and the necessity for an additional resource to access spell information.
- Designed a character creation UI with React and Chakra UI that allows users to create a profile to save multiple D&D characters stored on a PostgreSQL database.
- Developed a custom and fully tested RESTful API using Node, Express, and PostgreSQL that allows users to maintain characters, automatically update character stats on level-up, accurately track spell lists and spell slots, and easily access detailed spell information.

Sage Telecommunications Corp (July 2020 - Aug. 2022) / Fort Collins, Colorado
Coax Splicing Foreman

- Attained the position of foreman in just 6 months, overseeing 4+ multi-department crews on intricate infrastructure projects, and adeptly managing on-the-fly design changes.
- Boosted production by 150% and reduced customer downtime by 80% by creating an optimized strategy for our most frequent job type, contributing to the generation of $1.2 million in value for the company.
- Rebuilt and revitalized inter-departmental company relationships, leading to a significant increase in client trust and satisfaction.

Rocky Mountain Bronze Shop (Sept. 2016 - March 2020) / Loveland, Colorado
Lead TIG Welder/Metal Chaser

- Ensured production timeline was maintained and advanced to the role of lead TIG welder through focused self-guided learning.
- Maintained continuous communication with 10+ clients throughout the entire production process, from raw metal to the final patina, ensuring the realization of their creative vision while adhering to their precise standards.

PROJECTS

Carpe DnDiem (github.com/GeoSauer/carpe-dnDiem)
  Dungeons & Dragons themed fortune telling Discord bot

- Researched, tested, and implemented Discord.js slash commands and wrote the logic that generates and renders the custom fortunes. Remotely led a team of five while learning and implementing a new library in a one-week sprint, ensuring that my teammates were all at a common level of understanding before moving forward with development.

for (dummy of dummies) (github.com/GeoSauer/dummy-of-dummies)
  Beginner friendly message board for developers

- Developed UI components like Profile Editor, Question Detail Display, and Add Comment Form, and integrated real-time comments using JavaScript, HTML, CSS, and SupaBase. Managed daily Stand-Ups and tracked essential tasks on a Whimsical board for a remote team of four, ensuring timely completion of MVP goals.

EDUCATION

Alchemy Code Lab (Sept. 2022 - Feb. 2023) / Portland, Oregon (fully remote)
University of Northern Colorado (2012 - 2015) / Greeley, Colorado *BFA, 3.7 GPA*
Aims Community College (2009 - 2011) / Greeley, Colorado *AA*

VOLUNTEER WORK

Codethedream.org (Sept. 2023 - Present) / (fully remote)

- Met with React students 1:1 to offer mentorship, answer specific questions, or resolve blockers.
- Reviewed student assignments and provided insightful feedback to further their education.