Colton Almaraz

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Skills

- Frontend: TypeScript, React, JavaScript, Angular, Redux, Recoil, Tailwind, Sass, Accessibility, ADA & WCAG Compliance
- Backend: Rust, C++, Python, REST, GraphQL, Node, Express, SQL, AWS Lambda, Azure
- Development & Testing: Git, CI/CD, Jest, Unit Testing, OOP, Functional Programming, Agile
- Design & UX: Figma, Information Architecture, Usability Testing, Wireframing, Digital Prototyping, Iterative Design

Experience

Senior Software Engineer   **EY**   *Portland, OR*   **01/2022 - Current**

- Designed and developed AI-integrated data visualization tools for doctors, enhancing efficiency and user experience
- Leveraged remote collaboration with global clients to engineer innovative solutions, including an AI-powered medical dashboard that enhanced physician workflow efficiency, minimized oversights, and contributed to life-saving outcomes.
- Increased productivity by 10% through the development and maintenance of enterprise-level tools using React, Sass, and Azure DevOps
- Utilized React, Angular and NX to create modern, scalable solutions for integration with legacy backend systems
- Assisted clients in debugging and building resilient backend systems to support custom front-end implementations

Senior Software Engineer   **RangerCode**   *Portland, OR*   **06/2022 - Current**

- Conducted research, evaluation, and implementation of strategies that enhanced client efficiency and productivity
- Utilized SSR, Next.js, Hydrogen, GraphQL, and AWS to deliver tailored solutions for complex challenges
- Oversaw CI/CD processes, design teams, and vital business operations to guarantee optimal customer experience
- Developed contemporary e-commerce storefronts with an emphasis on user experience, boosting sales by 20-30%

Software Engineer   **BIGGBY Coffee**   *East Lansing, MI*   **06/2020 - 12/2021**

- Developed an efficient online ordering platform featuring a streamlined user experience, catering to hundreds of thousands of users and generating $12.0M in revenue during Biggby's peak year
- Ensured the maintenance of crucial functionality in systems deployed across 260 international locations, serving hundreds of thousands of customers
- Collaborated with third-party vendors and in-house design teams to deliver polished end products
- Seamlessly integrated modern front-end architecture with existing back-end systems, upgrading legacy back-end systems as required

Software & UX Engineer   **PAHA**   *East Lansing, MI*   **01/2020 - 06/2021**

- Collaborated with senior management on design and UX decisions to optimize user experience
- Developed a static site using JavaScript, CSS, and HTML, intended for hosting on third-party platforms
- Prioritized user-centric design to efficiently deliver desired information with minimal user effort

Education

Bachelor of Science   **Michigan State University**   *East Lansing, MI*   **08/2015 - 05/2020**

- Major in Experience Architecture (Computer Science mixed with UX Design)

Projects

- **MyInspect** - An app to revolutionize the home-buying process with a scalable React, TypeScript, TRPC, and MySQL app featuring email and Google user authentication, along with AWS S3 storage capabilities.
- **Krypt** - A cryptocurrency wallet connection app using React, TypeScript, and Tailwind, allowing users to manage real crypto transfers.
- **RangerCode** - A professional homepage to showcase my freelance digital product business.
- **Chat App** - A real-time chat application with user authentication, employing React, TypeScript, and web sockets for efficient communication.
- **Biggby Online Ordering** - An intuitive online ordering app for a modern experience, enhancing user satisfaction.