

# Colton Almaraz

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## Skills

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- 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

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### 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

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### Bachelor of Science

Michigan State University

East Lansing, MI 08/2015 - 05/2020

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

## Projects

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- 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.
- EY Blog - A contemporary, responsive blog platform for EY studios worldwide, catering to a diverse audience of tens of thousands of readers across various devices.
- Biggby Online Ordering - An intuitive online ordering app for a modern experience, enhancing user satisfaction.