

Randy Oram

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Experience

May 2024 – Present

Denver, CO

Senior Back-End Engineer

Crate & Barrel

- Spearheaded a cross-functional team initiative to revamp the Gift Registry platform, leading the design and implementation of a new user authentication form, enhancing customer experience and security.
- Collaborated closely with the lead engineer to design and develop the "Interrupter" project, enforcing best technical practices and coordinating development and quality assurance teams to streamline bug resolution processes.
- Engineered a robust microservice for authentication, optimizing system security and user verification processes.
- Overhauled technical documentation and pioneered an AI-driven chatbot to facilitate efficient information retrieval, significantly improving developer accessibility and productivity.
- Revamped the on-call support system by integrating with Pager Duty, enhancing response efficiency to critical production issues, and reducing downtime.

December 2021 – May 2024

Minneapolis, MN

Back-End Engineer

Crate & Barrel

- Collaborated with an Agile team to design and develop back-end systems using C# following a microservice based architecture.
- Championed the implementation of Apple Sign-In after discovering that the vast majority of website traffic sourced from iOS devices.

November 2020 – December 2021

Minneapolis, MN

Software Engineering Consultant

Prism Development LLC

- Developed bespoke web solutions for startups, including a customer journey dashboard for an AI firm and a comprehensive e-commerce management system using AWS Lambda and Node.js.
- Engineered an automated lead generation tool and enhanced operational workflows using advanced Python scripting and cloud technologies.

July 2019 – November 2020

Houston, TX

Software Engineer

ExxonMobil: Well Construction & Operations

- Assisted in porting WellView 10 to the cloud by developing components of an Azure framework including application gateways, DNS zones, database APIs, and full-stack web applications.
- Collaborated with an international team to provide global support for ExxonMobil's Wells database software, enabling rig supervisors to import and edit critical data on demand.

Projects

May 2021 – Present

Techno Snobs

- Administrated a music promotion agency with a social media following of over 500,000 by talking to fans, collaborating with others in the industry, and ensuring business goals were met in a timely fashion.
- Created a website using React and Firebase to promote Techno Snobs content and merchandise while also enabling fans and prospective clients to easily get in touch.
- Built an e-commerce store which leverages a print-on-demand service to provide custom merchandise to fans.

February 2020 – December 2021

spacetrace.app

- Developed a dynamic web application which tracks the location of the International Space Station and plots it on a map in real-time.
- Allowed users to create accounts with contact information so that they can be notified when the ISS is visible in their location.
- Utilized React.js to build the front-end, alongside Firebase for database and API functionality.

May 2018 – July 2019

randyoram.com

- Constructed a static website using GitHub Pages to act as a platform for personal marketing and to share personal programming projects.
- Completed several JavaScript animation projects, including tic-tac-toe with confetti, a new-years fireworks display, and a web-based remake of *Pong*.

October 2018

HackGT: Roots

- Roots is a sustainability related social media web application that enables users to see trees they have planted on a map, track statistics related to this endeavor, and compete with friends to reduce their carbon footprint.
- Led a team of four to create the web-application using the MERN (MongoDB, Express, React.js, and Node.js) stack.
- Developed the front-end, modern authentication element, and the database API.

Education

May 2019

Gainesville, FL

Bachelor of Science, B.Sc.

Computer Science & Engineering

University of Florida

Overall GPA: 3.73