

Evan Monroe

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SUMMARY

PhD geologist turned software engineer with a passion for full-stack web development and an analytical approach to problem-solving. Skilled in building dynamic front-end components, designing and implementing APIs, and developing robust backend services using modern frameworks like React.js, Next.js, and Ruby on Rails.

EXPERIENCE

Software Engineer, SendKits

Feb 2024 - Current

Full-stack developer for digital sales room software using React.js, Next.js and MySQL.

- Built a custom embedded content viewer for displaying documents and media within the app.
- Implemented a file proxying system to improve security when serving assets from AWS S3.
- Engineered an AWS Lambda function to generate and store thumbnail images.
- Developed and integrated an image cropping feature to improve user control over image editing.
- Implemented various other APIs, UI components, database scripts, and third-party integrations.

Software Engineering Intern, ThreadCloud

Aug 2023 – Feb 2024

Full-stack developer for project management software using React.js and Ruby on Rails.

- Built and optimized UI components to add new features, improve user experience, and resolve bugs.
- Developed RESTful APIs to handle data processing and implement business logic.
- Assisted in database schema design and implemented changes to meet application requirements.

EDUCATION

B.S., Computer Science

Dec 2024

Oregon State University

Ph.D., Earth Science

June 2023

University of California, Santa Barbara

SKILLS

- **Languages:** JavaScript, TypeScript, Python, Ruby, SQL.
- **Front-end Technologies:** React.js, Next.js, HTML, CSS, Tailwind, Radix UI, Flutter.
- **Backend & Databases:** Ruby on Rails, Node.js, Next.js, MySQL, Firebase, Prisma ORM, AWS.
- **Tools & Platforms:** Visual Studio Code, Git, GitHub, AWS, Beekeeper Studio.
- **Soft Skills:** Problem-solving and critical thinking, teamwork and collaboration, effective communication, time management, adaptability, attention to detail.