

Clark Brown

Engineer and problem solver. Big fan of white boards.

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WORK EXPERIENCE

Software Engineering Manager

Neighbor

April 2023 - Present

Lehi, UT

- Lead a team of 6 engineers and managed 10 engineers across up to 4 different teams simultaneously.
- Repaired trust with internal stakeholders for business-critical systems and financial data.
- Conducted regular performance reviews, providing constructive feedback and setting clear goals.

Senior Software Engineer

Neighbor

May 2022 - Present

Lehi, UT

- Led the migration of the Neighbor monolith to a new cloud provider and Kubernetes with zero downtime.
- Spearheaded the transformation of the organization's on-call experience, implementing improved monitoring and observability across systems to enhance system reliability.
- Ensured Neighbor's compliance with state privacy laws and state late fee laws mitigating risk of litigation.

Software Engineer

Neighbor

April 2020 - April 2022

Lehi, UT

- Built a configurable rate-limiting system reducing platform security related incidents by 90%.
- Engineered a backwards compatibility layer for a changing data schema in a project on another team.
- Architected and built a content moderation system which reduced inappropriate content on the platform.
- Revitalized a stagnant Ruby on Rails codebase bringing it up to date and in line with best practices.

Web Developer

Liberty Mountain Sports, LLC

May 2018 - December 2019

Sandy, UT

- Engineered a secure ReactJS Product Information Management (PIM) platform.
- Built multiple Magento-based ecommerce websites, integrating them with a legacy ERP.
- Set up, secured, and managed on-premises linux web servers for hosting.
- Overhauled the development workflow, introducing version control and no-downtime deployment methods.

SKILLS

- Proficient in Go, Python, Ruby, Typescript, SQL, and experienced in ReactJS and Ruby on Rails
- Proficient with AWS, Terraform, Kubernetes, and Docker
- Team Leadership and Project Management
- Machine Learning, Numerical Linear Algebra, Algorithms, Linear Programming, Data Modeling, Modeling with Control, Network Modeling, Linear and Nonlinear Analysis, Statistics

EDUCATION

BS, Mathematics: Applied & Computational Mathematics Emphasis (ACME)

Brigham Young University

April 2021

Provo, UT

- Minor and Concentration: Computer Science
- GPA: 3.97, Cum Laude