Daniel Sauerbrun

SOFTWARE ENGINEER

PERSONAL INFO

- dsauerbrun@gmail.com
- (818) 254-8697
- Boulder, CO

SKILLS

- TypeScript
- Go
- Python
- Kafka
- Kubernetes
- Git
- Redis
- SQL
- Node.js
- Ruby on Rails
- Angular
- React
- HTML5
- CSS
- Unit testing
- Elasticsearch
- Protocol Buffers
- GraphQl

LINKS

- LinkedIn
- Github
- Climbcation(side project)

WORK EXPERIENCE

SENIOR SOFTWARE ENGINEER   June 2022 - November 2024
OPENDOOR - REMOTE

- Spearheaded development of React-based micro frontend framework, enhancing internal tooling across multiple teams allowing for faster onboarding and refactoring workflows.
- Orchestrated cross-functional collaboration for framework integration.
- Directed 4-engineer team in revamping home acquisition workflow tools
- Oversaw high-performance Golang microservices, including SMS and calling system handling 150 requests per second
- Modernized Rails monolith to support gRPC requests
- Executed migration of team microservices from legacy kOps to EKS

SENIOR BACKEND ENGINEER   June 2020 - April 2022
BIGBRAIN GAMES - REMOTE

- Designed and implemented scalable, high-performance backend architecture capable of handling 1000 requests per second during peak loads, prioritizing code maintainability and extensibility. Carefully leveraged multiple layers of caching to achieve this performance.
- Managed comprehensive backend responsibilities, ranging from configuring AWS and Kubernetes environments to developing robust application code for our API infrastructure.
- Contributed to frontend development by creating a content management system using React

FULL STACK SOFTWARE DEVELOPER   March 2017 - April 2020
FULCRUMPRO - REMOTE

- Spearheaded the design and development of comprehensive ERP systems for manufacturing clients at Fulcrum, establishing the foundation for future product enhancements and setting the standard for subsequent feature implementations.
- Implemented key features including robust scheduling tools, real-time job tracking, advanced inventory management, streamlined purchase order processing, efficient sales order monitoring, automated email notifications, and intuitive bill of materials and routing builders.
- Pioneered the ERP solution development, showcasing strong full-stack development skills and a deep understanding of manufacturing processes and business needs.

FULL STACK SOFTWARE DEVELOPER   August 2015 - December 2016
CHATLINGUAL - BOULDER, CO

- Developed and implemented a comprehensive full-stack solution utilizing a modern technology stack including Amazon Web Services (AWS), Node.js, PostgreSQL, Redis, AngularJS, and WebSockets. This diverse skill set allowed for efficient management of both front-end and back-end development tasks.
- Served as the inaugural full-time developer for the company, taking on the crucial

responsibility of architecting and designing the entire system for the Minimum Viable Product (MVP). This role required a deep understanding of software development principles, strategic planning, and the ability to translate business requirements into technical solutions. Successfully laid the foundation for the product's future growth and scalability, demonstrating strong problem-solving skills and technical expertise throughout the development process.

FULL STACK SOFTWARE DEVELOPER   October 2014 - August 2015
FREELANCE - REMOTE
Rails development for a small aviation startup

- Developed and implemented a landing page featuring an intuitive signup funnel. This user-friendly interface enabled potential customers to easily access available route options and associated pricing information, streamlining the decision-making process and improving user engagement.

SOFTWARE DEVELOPER   August 2011 - September 2014
NOVACOAST - SANTA BARBARA, CA
Full stack software development consultant.

- Collaborated effectively with clients to identify requirements and deliver tailored software solutions.
- Developed an Android mobile application for a prominent real estate company that has since gone public
- Built a web-based application to streamline the emission permitting process for the city of Victorville, California

EDUCATION

UNIVERSITY OF CALIFORNIA - SANTA BARBARA   September 2007 - June 2011
Bachelor of Science   Computer Science