

Matt Buland

Contact Information

(720) 219-7914

gik0geck0@gmail.com

Remote in Frederick, CO

Open Source

<https://github.com/gik0geck0>

Ethos

I'm a full-stack engineer with a passion for building extensible and serviceable platforms. I bring a realistic outlook, a thorough design process, and some witty humor to the team.

Salesforce: June 2015 - current

Engineer, Introspection and Quality

Dec 2020 - current

- Draft GA feature guidelines - A friendly assessment of feature readiness to GA with high quality
- Draft Feature transfer process (delegated) - Packaging up all the necessary knowledge and code for a feature so that another group can maintain it
- Draft Post-mortem process (delegated) - A methodology to reflect on a situation to identify processes for improvement and reinforcement in a blameless fashion
- Inventory processes and development lifecycle - A detailed look at the responsibilities asked of developers, encouraging process reflection

Infrastructure Engineer, Foyer AWS Infrastructure

Spring 2021 - Spring 2022

- Configure Jenkins CI and Spinnaker CD + Helm chart for Java microservice
- Deploy Terraform for PostgreSQL and migrate to AuroraDB
- Configure Kubernetes specs for local development
- Outline release process, disaster recovery plan, and business continuity plan

Frontend Engineer, Lightning Web Runtime Navigation

Fall 2019 - Dec 2020

- Collaborate between multiple teams to bring together an offline page priming solution that uses a router
- Design and implement additional routing features to support multiple platforms and their requirements
- Draft example apps demonstrating routing features and customizations, with E2E testing

Full-stack Engineer, Page Loading Optimization

Fall 2018 - Fall 2019

- Design and implement framework for organizing data loading based on static analysis
- Implement data request bundling
- Patent Application 20220236968 - "OPTIMIZED DATA RESOLUTION FOR WEB COMPONENTS"

Frontend Engineer, Lightning Navigation July 2016 - Fall 2018

- Redesign and implement navigation APIs (lightning:navigation)
- Stitch together new and legacy application routing worlds
- Designed and implemented query parameters in Lightning

Full-stack Engineer, Lightning Setup June 2015 - July 2016

- Contribute to Lightning Experience Setup tree for Salesforce administration
- Contribute to Setup Assistant, an iframed helper UI hosted in a Java microservice

Academic Mentorship

Teacher, Programming Challenges 290 - Colorado School of Mines Spring 2022

- Organize course structure and topics with rotating instructors
- Instruct on engineering topics like testing, refactoring, recursion, and graphs

Project Manager, Capstone Projects at Colorado School of Mines

- Design open-source projects for students to work on as a group (Field Session)
- Lead scrum and keep developers on-task
- DominionStats - An LWC webapp to manage game results with interesting statistics
- UTAM Generator - A static analyzer script that produces instrumented objects for E2E automation
- Agile Accelerator Graph View - A d3.js graph view of related work items
- Story acceptance criteria composer
- Remote programming test manager

Education

M.S. Colorado School of Mines May 2015

B.S. Colorado School of Mines May 2014

Technical Skills

Languages: Javascript, TypeScript, Java, HTML, CSS

Frameworks: LWC, ExpressJS, SpringBoot

Infrastructure: Kubernetes, Docker, Helm, Terraform, Spinnaker

Miscellaneous: Bash, PostgreSQL, Python, L^AT_EX, C++, Haskell, Ruby