Katerina Kossler

katerinakossler@gmail.com | (951) 534-9353 | linkedin.com/in/katerina-kossler/ | katerinakossler.com

TECHNOLOGIES

- **Languages:** Ruby (Ruby on Rails, RSpec), SQL (PostgreSQL), JavaScript (React), Python (Pandas)
- **Logging & Monitoring:** New Relic, Sentry, Logz.io, CloudWatch, Grafana, Prometheus, Datadog
- **DevOps Tools:** Git, Docker, Kubernetes, AWS (Lambdas, Secrets, EC2), Flux, Helm, Terraform

WORK EXPERIENCE

Autolist (Subsidiary of CarGurus)   **Nov 2020 - Present**

Software Development Engineer II   Jul 2022 - Present
- Redesigned our production inventory processing system
- Led planning, development and release of APIs on a Ruby on Rails application
- Develop, maintain, and manage Kubernetes clusters, AWS cloud infrastructure and internal services
- Mentored a software engineer apprentice
- Lead the engineering book club

Software Development Engineer I   Nov 2020 - Jul 2022
- Maintain kubernetes clusters, lambdas, databases, and legacy Javascript code
- Address production incidents as part of the on-call rotation
- Support to client teams through API development, pairing and internal tooling development

Datadog, Solutions Engineer   **Aug 2020 – Nov 2020**
- Support clients with specialized troubleshooting and feature overviews
- Write internal documentation and external articles on features and use cases

Zymergen, Research Associate I/II – Test Development   **May 2018 – Jul 2020**
- Reduced analysis time by 3 hours per week by building a graph generation script using Altair
- Cut analysis time by 1 hour per week by developing Python tools in Jupyter Notebooks using Pandas
- Identify significant process improvements & desirable candidate strains through data analysis using MySQL, JMP Statistical Software, Excel, and Python

SIDE PROJECTS

ShelterTech, Volunteer Developer   **Aug 2020 - Present**
- Converting APIs from Rails to Go. API development using Go   Jan 2024 - Present
- API development for a Rails application   Aug 2020 - Jul 2021

Hiking Habit   Feb – Mar 2020
- A single-page web app built using PostgreSQL database, Flask app server, and React
- Deployed using AWS Lightsail with data fetched from REI's The Hiking Project API

EDUCATION

HackBright Academy   **Oct 2019 – Apr 2020**
- Data Structures, Algorithms, Object Oriented Programming, Runtime Complexity

B.S. Chemical Engineering - University of California, Berkeley   **Aug 2014 – May 2018**
- Python Fundamentals for Data Science, Computational Methods in Chemical Eng.

ACTIVITIES / INTERESTS

I like to spend my free time looking for birds, writing poetry, and playing board games.