

# Katerina Kossler

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## TECHNOLOGIES

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- **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 Flux, Helm, Terraform

## WORK EXPERIENCE

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### Autolist (Subsidiary of CarGurus)

**Nov 2020 - Present**

Software Development Engineer II

Jul 2022 - Present

- 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**

- Released a graph generation script using Altair to reduce analysis time by 3 hours
- Developed Python tools in Jupyter Notebooks using Pandas to cut analysis time by 1 hour per week
- Pulled data using MySQL, analysis using JMP Statistical Software, Excel, and Python to identify significant process improvements & desirable candidate strains

## SIDE PROJECTS

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**ShelterTech**, Volunteer Developer

**Aug 2020 - Present**

- Converting APIs from Rails to Go. API development using Go
- API development for a Rails application

Jan 2024 - Present

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

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**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

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