

# ADAM ISOM

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Experienced full-stack software engineer and co-creator of Haven, an open-source developer tool for small teams that abstracts away the complexity of secrets management. Proficient with Ruby, Rails, JavaScript, Node.js, React, Redux, Bash, SQL, and all things AWS.

## EXPERIENCE

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### Co-Creator and Software Engineer

2020 – present

*Haven* (<https://haven-secrets.github.io/>) [🔗](#)

- Designed, prototyped, and built Haven Core backend, using Node.js and AWS
- Implemented secure secrets storage following encryption best practices, and with low latency and high availability, using AWS SDKs and Amazon DynamoDB
- Enabled team management features such as fine-grained access control, flagging and revocation, and access logs, using Amazon DynamoDB and AWS IAM
- Solved new-user credentials distribution problem, using AWS Lambda
- Solved master key distribution problem, using AWS KMS
- Enabled application secrets to be fetched, decrypted, injected, and redacted from logs at runtime, using Node.js child processes
- Automated setup and teardown of cloud infrastructure, using AWS CloudFormation
- Designed and built two frontends, a web UI and a CLI, using React and Node.js
- Collaborated daily with a fully remote team of engineers
- Authored technical case study: <https://haven-secrets.github.io/case-study>

### Software Engineer

2019 – present

*Self-Employed*

- A helpdesk ticket tracking application built with Ruby on Rails, deployed on Heroku
- A web application that allows viewing and filtering of airline routes, built with React
- A kanban board application built with React, Redux, Ruby on Rails, and PostgreSQL

## SKILLS

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#### Backend

Ruby & Rails  
Node.js  
Python  
SQL (PostgreSQL, T-SQL)  
RESTful APIs

#### Frontend

JavaScript (ES5 & ES6+)  
React  
Redux  
HTML5 & CSS3  
jQuery

#### Cloud

AWS (Lambda, DynamoDB,  
CloudFormation, KMS, IAM)  
DigitalOcean  
Heroku

#### Other

Git & GitHub  
Bash / command line  
Agile

## EDUCATION

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### Western Governors University

2018 – present

*B.S. Computer Science (103/122 credits completed)*

### University of Utah

2009 – 2015

*B.S. Psychology*