

Daniel Marino

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PROFILE


I'm a software engineer in New York City, with experience in Ruby, JavaScript/Node.js, PostgreSQL, AWS, Rails, and React. My most recent project, Haven, is a Secrets Manager for Node applications.

EXPERIENCE

Haven Co-Creator & Software Engineer

08/2020 – present

Haven (<https://haven-secrets.github.io/>) 

- Designed, prototyped, and built Haven Core using Node.js and AWS.
- Implemented client-side envelope encryption and additional authenticated data for integrity using KMS and Encryption SDK, ensuring secrets were encrypted in transit via TLS, as well as at rest.
- Utilized AWS DynamoDB for secrets storage to minimize latency.
- Set up AWS IAM permissions to restrict access to AWS KMS master key and secrets on a per project's environment basis.
- Solved credentials distribution problem with temporary credentials for onboarding team members using AWS Lambda.
- Wrote secrets injection logic for Node.js child spawn process at runtime and redacted stdout and stderr from logs.
- Wrote AWS CloudFormation for automation and provisioning of tear down and set up for Haven resources.
- Created GUI (React) and API (Node/Express) and Intuitive CLI to manage secrets, projects, users, and logs.
- Published multiple application packages to npm.
- Co-authored comprehensive technical case study and application docs. (<https://haven-secrets.github.io/case-study> ).
- Collaborated daily with a fully remote team of engineers.

Software Engineer

08/2019 – 08/2020

Self-Employed

- Developed open-source software using Node.js, Express, Rails, Sinatra, PostgreSQL, React/Redux, vanilla JavaScript, HTML, and CSS
- Project management tool similar to Trello built with Ruby, Rails, React, Redux
- Request-Bin clone built using Node.js, JavaScript, Webhooks, HandleBars, ngrok
- Ticket manager app built with Ruby, Rails
- Airline router built with CreateReact App, JavaScript, React

SKILLS

Backend

Node.js, Express, Ruby on Rails, Sinatra, PostgreSQL, MongoDB, RESTful APIs, Webhooks

Frontend

JavaScript (ES6), React/Redux, React Hooks, HTML5 & CSS3, jQuery

Cloud

AWS, DigitalOcean, Heroku

Tooling


Git/GitHub, Hashicorp Vault, Linux

EDUCATION

Launch School

08/2019 – 09/2020

Software Engineering & Full Stack Development

Multi-year full-stack Software Engineering curriculum with mastery-based learning | launchschool.com/employers 

City College of New York

09/2013 – 05/2018

BFA Audio Engineering