

# Chase Sobey

## Software Engineer

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### Profile


Former Structural Engineer turned Software Engineer with experience in JavaScript, Python, AWS Cloud Architecting, SQL and LLM API usage. Endlessly curious about emerging technologies and always seeking a new challenging project!


### Experience

#### Co-Creator and Software Engineer

September 2023 – present | San Francisco, CA

*Embrasure Secrets* 

Embrasure (see case study ) is an open source, AWS native secrets management tool tailor made for startups and small development teams seeking a simple, secure secrets manager with audit access log capabilities

- Spearheaded the automation of initializing 10 unique microservices and backend infrastructure components (AWS VPC, API Gateway, Lambdas, IAM Users, etc.) through the creation of 2 streamlined CLI setup commands.
- Led the design of service-oriented AWS cloud architecture, evaluating trade-offs between server and server-less designs to ensure optimal system performance and scalability for our use case.
- Architected cloud network infrastructure to balance providing high security while maintaining high availability through leveraging a combination of IAM authentication, Subnet and resource privatization, and an internal API server.
- Collaborated seamlessly with a distributed team, exclusively working remotely and embracing an agile workflow to enhance team efficiency and speed up project delivery.
- Built and implemented a RESTful database API powering CLI commands to provide a secure and intuitive secrets / team management UI.
- Served as head author on comprehensive case study (see case study ) providing a detailed analysis of secrets management problem space, Embrasures' niche in existing market, system design, and engineering decisions.

#### Software Engineer

March 2022 – September 2023

*Self-Employed*

San Francisco, CA

Developed open-source applications including:

- *Request Bin Ultra* - Tool for organizing, receiving and debugging webhooks (DO Droplet, Nginx, MongoDB, Node.js, Express, React).
- *ByteBuddy* - Personal Telegram messenger chatbot powered by Openai (Python, Openai API).
- *PocketBook* - Book reading web application with built-in passage searching functionality (ruby, html, css)

#### Structural EIT

September 2021 – May 2023

*DES Architects + Engineers*

Redwood City, CA

- Spearheaded streamlining the structural departments' design pipeline through design of automation scripts that take site conditions as input values and return optimal member sizing and spacing, automating 70% of calculations.

### Skills

#### Back End

Node.js, Express, Ruby, Go, Python, PostgreSQL, MongoDB, RESTful APIs, Sinatra

#### Front End

JavaScript, React, HTML/CSS

#### Cloud

Digital Ocean, AWS (EC2, Lambda, DynamoDB, RDS, IAM, API Gateway, Cloud Formation, Cloud Trail)

#### Others

LLM API, Prompt Engineering, Git/Github, Docker, Bash, HTTP, Websockets, OOP, Nginx, Postman, Linux

### Education

#### University of Texas at Arlington

2015 – 2022 | Arlington, TX

*Masters of Engineering in Structural Engineering*

*Bachelors of Science in Civil Engineering*