

Chase Sobe

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!

Professional Experience

Co-Creator and Software Engineer 2023 – present | San Francisco, CA

Embrasure Secrets 

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

- Automated initialization of 10 microservices and backend infrastructure components (AWS VPC, API Gateway, Lambdas, IAM Users, etc.) into 2 simple CLI setup commands.
- Headed AWS cloud architecture design, evaluating server vs server-less designs trade offs.
- Architected cloud networking to balance providing a highly secure and highly available secrets management tool through leveraging a combination of IAM authentication, Subnet and resource privatization, and firewall controls.
- Collaborated exclusively remotely with a distributed team utilizing agile workflow.
- Built and implemented RESTful database API in combination with CLI commands to provide a secure and intuitive secrets and 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 2022 – 2023 | San Francisco, CA

Self-Employed

Developed open-source applications including:

- *Request Bin Ultra* - Tool for organizing, collecting 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 2021 – 2023 | Redwood City, CA

DES Architects + Engineers

- Spearheaded streamlining the structural teams' 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

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,

Education

University of Texas at Arlington

2015 – 2022 | Arlington, TX

Masters of Engineering in Structural Engineering
Bachelors of Science in Civil Engineering