

# Chase Sobey

## Software Engineer

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### 👤 Profile

Software Engineer with enterprise experience in Java, Python and global scale Cloud System Design/Deployment. Turning complex problems into clean solutions—and having fun doing it. 😊

### 📁 Experience

#### Software Engineer

April 2024 – present

*Adobe Systems*

- Part of the Adobe Journey Optimizer team, specializing in mobile services with a focus on Herald, Adobe's push notification delivery service. Developed and optimized scalable, high-performance infrastructure to power real-time mobile engagement.
- Transformed Adobe Push Service HPA from burst-focused to cost-efficient scaling, cutting costs by 90%+ through rigorous solution testing.
  - Designed, Tested, and Deployed new Internal Secret Credential Key Store, preemptively solving global scaling bottleneck and delivering continued sustainable customer growth to Adobe Journey Optimizer
  - Led integration of internal AI assistant into Adobe Journey Optimizer.
  - Owned Training internal AI assistant on team's internal documentation from planning to deployment.

#### Software Engineer

September 2023 – February 2024 | Remote

*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.
- Led the design of service-oriented AWS cloud architecture, evaluating trade-offs between server and serverless 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 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 through clear communication.
  - 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).

### 🧠 Skills

#### Back End

Java+Spring, Python, PostgreSQL, MongoDB, RESTful API Design, SQL+NOSQL DB Design, Apache Kafka

#### Front End + Observability

JavaScript, React, HTML/CSS, AJAX, AngularJS, Splunk, ArgoCD, Grafana, Prometheus

#### Cloud

Kubernetes, Docker, Digital Ocean, AWS, Terraform, Distributed Systems

#### ML/AI

Agentic Design, Cursor, Model Context Protocol, Langchain+Langflow, Pytorch, LLM Building + RAG

### 🎓 Education

#### University of Texas at Arlington

2015 – 2022

Bachelors of Science and Masters of Engineering in Structural Engineering