Matthew Sweeney









About Me

MatthewSweeney001@gmail.com 774-289-3355 Boston, MA https://matts-projects.vercel.app

4x AWS-Certified Cloud and Full-Stack Engineer with a B.S. in Data Analytics from SNHU, specializing in serverless architecture, systems design, and modern application delivery. I design, develop, and maintain solutions across AWS, Azure, and on-premises environments — spanning hybrid cloud connectivity, distributed systems, and custom identity federation and integration. I deploy and manage containerized microservices using Infrastructure as Code and CI/CD pipelines, optimize backend systems through database modeling and query tuning, and modernize legacy infrastructure into cloud-native platforms. With hands-on experience in full-stack development and cloud systems engineering, I deliver secure, high-performance solutions that support modern applications and cloud strategies, making me a dynamic asset to any technology team.

Education and Certifications

- B.S in Data Analytics - GPA 3.5 — https://parchment.com/u/award/c7a9f3070688e6cf24c38d374c318aa3
- Solutions Architect Professional — https://credly.com/badges/81785049-8ee4-4c60-9154-e58e91298c09
- SysOps Administrator Associate — https://credly.com/badges/6bfedc43-9bbc-4a87-952a-1f9ccf1d74c6
- Developer Associate — https://credly.com/badges/74d9f1a2-48bc-4a05-a6de-6314b8ccf274

Resume Projects

Tiered API Request Rate Throttler
https://api-limit-throttler.vercel.app
AWS SAM | CloudFormation | API Gateway Lambda | EventBridge | Cognito | SQS SNS | CloudWatch | DynamoDB | EC2 React.js | Tailwind CSS | TypeScript

I built a complete (IaC) request rate throttling solution that automates deploying, autoscaling, and monetizing any provided API service. This project showcases my expertise across AWS, systems design, and application development by managing access control, billing automation, tiered service transitions, and scalable delivery workflows.

Definitive Kinesis Data Streams Guide
https://kinesis-tutorial.vercel.app
AWS SAM | CloudFormation | API Gateway Lambda | Kinesis | DynamoDB | Anime.js React.js | Tailwind CSS | TypeScript

I created a data streaming and polling application paired with a comprehensive guide for the Kinesis Data Streams service. This project aims to demystify and break down the mechanics of data streaming, data persistence, shard management, stream scaling, and consumption patterns.