Matthew Sweeney

About Me

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

4X AWS-certified Full-Stack Engineer with a BS in Data Analytics from SNHU who specializes in scalable cloud solutions and system design principles. Leveraging my deep expertise in AWS and DevOps, I design and implement maintainable, decoupled microservice architectures that are fault-tolerant and optimized for streamlined CI/CD pipelines. My proficiency in data science, programming, responsive design, and serverless technologies, demonstrated through diverse projects, makes me a dynamic asset to any technology team.

Education and Certifications

🏛 Southern New Hampshire University   📅 2020-2023   📍 Manchester, NH

🎓 B.S in Data Analytics   GPA **3.5**   🔗 https://parchment.com/u/award/c7a9f3070688e6cf24c38d374c318aa3

☁ AWS Certifications

✅ Solutions Architect - *Associate*   🔗 https://credly.com/badges/1ab376d5-f2c8-4f85-ace4-11af474c3fb6
✅ Developer - *Associate*   🔗 https://credly.com/badges/74d9f1a2-48bc-4a05-a6de-6314b8ccf274
✅ SysOps Administrator - *Associate*   🔗 https://credly.com/badges/6bfedc43-9bbc-4a87-952a-1f9ccf1d74c6
✅ Solutions Architect - *Professional*   🔗 https://credly.com/badges/81785049-8ee4-4c60-9154-e58e91298c09

Resume Projects

📄 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*

Created a Full-Stack application paired with a detailed guide for AWS Kinesis Data Streams. This project aims to walkthrough, break down, and teach key concepts regarding streaming mechanics, data persistence, shard management, and polling operations for AWS Kinesis Data Streams.

📄 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*

Designed and developed an API request rate throttler with 'free' and 'paid' tiers, featuring user-specific API keys and a payment processing system for subscription-based access. This project demonstrates expertise in serverless infrastructure development by seamlessly handling access management, automated billing, and tier transitions.