



Scott McCartney

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Tech Stack

Backend: Java / NodeJS / Stripe Payments / OpenAI
Frontend: Angular / React
Database: MySQL / PostgreSQL / NoSQL
Cloud Architecture: AWS / Google Cloud Platform / Firebase / Raspberry Pi

Projects & Articles

GroupList (*grouplist.app*)

- A mobile-first web app to plan events or create collaborative lists where friends can add needed items • Guests can mark items that they are bringing • All guests receive real-time updates • Includes account management, Server-side rendering, and analytics

Pro Hockey Chart (*prohockeychart.com*)

- A mobile-first web app to view hockey stats and visualize performance over time with customization • Automated backend processes to refresh stats daily • Architected database design to optimize performance and costs

AI Blog Writer (*demo.scottmcc.com*)

- A rich text-editor integrated with ChatGPT for writing blogs or other long-form content • Generates short-form content with AI for marketing purposes

Integrating Firebase Cloud Functions with Google Calendar API

- Guide published on Medium for building an OAuth2 authenticated Firebase serverless function that can add events to a user's Google calendar • 1k+ claps

Employment History

84.51° *Full-stack Senior Software Engineer* **2021 - Present**

- Full-stack development on app used by CPG companies to run reports on product performance at Kroger stores • Led design of a scheduled process for running exports to decrease load and improve customer satisfaction • Mentored intern teams and guided in-app notification feature • Led solutioning and implementation for report execution using new insights engine and BI tools

Liberty Mutual *Full-stack Software Engineer* **2017 - 2021**

- Developed the quoting platform for the next generation of insurance products for Small Business (BOP) policies • Designed & implemented APIs to manage quoting process from creation through rating, validation, and issuance • Created internal admin UI to view quote data, leading to faster debugging and faster resolution of production issues • Utilized AWS tools (SNS/SQS, Lambda functions, EC2 instances, RDS Databases, and S3 storage) • Built automated e2e test suites

Education

Miami University – Oxford, OH **2013 - 2017**

Bachelor of Science in Computer Engineering with a Minor in Mathematics

Advisory Board - University Academic Scholars Program