At Capital One, I had the opportunity to work on an internal full-stack project with a much greater scope. Around a dozen Client Success Managers (CSMs) at Capital One helped managed the relationship between C1 clients and their vendors. Our internship group created a Salesforce page that displayed and filtered the relevant client and vendor data for Capital One employees, pulling from internal databases of 1000+ entries according to the CSM’s searches. I helped design and develop the RESTful API to transfer the data between servers and the Salesforce webpage, using Golang and PostgreSQL on the backend and Lightning components with Apex routines on the front end. At the end, we deployed to the project to AWS EC2 containers to interact with the distributed production environment.

I am also currently building a RESTful API for an extra-curricular group project, Shaped. Shaped was conceived as an alternative dating platform during the pandemic, focusing on forum-like questions and answers as semi-public conversation starters. For this project, I took the lead backend developer position, designing and developing the API structure using Nest.js, stored in Firebase’s NoSQL Realtime Database.