

Daniel Carton

cartondaniel0@gmail.com

Senior Software Engineer

SKILLS



Languages:	Python	C#	Ruby	SQL	JavaScript
Tools:	React	Rails	AWS	Azure	

EXPERIENCE

Slack – Senior Software Engineer

OCTOBER 2024 – CURRENT

- Drove a high-impact project that reduced end-to-end build times by 90%, saved 1.4 TB of S3 storage, and removed ~120 hours of engineering wait time per week, since deploying [\[blog post\]](#).
- Spearheaded AI-driven efficiency projects: Led the TypeScript conversion effort for ~2,000 files using a custom AI tool, saving ~1,000 engineering hours. Drove the rollout, cross functional execution, executive investment, and adoption of Cursor, an AI tool, resulting in 700 weekly active users accepting ~2M AI driven line changes every 30 days.
- Mentored new engineers and interns, heavily involved in engineering culture, and team culture.
- Efficiently helping cross-functional teamwork through subject matter expertise and breadth of experience.
- Actively participated in incident rotations, leading postmortem facilitation, and driving issues to resolution.
- **Python, Rust, TypeScript, JavaScript, AWS, Ruby, PHP, Hack, Shell, Bash**

Lyft – Senior Software Engineer

OCTOBER 2022 – MAY 2024

- As a member of the Price Optimization Team, I helped build out the APIs to serve the base cost for each Lyft ride by setting the right price efficiently and reliably.
- Designed and developed innovative experiments, utilized A/B testing, implemented machine learning techniques, and worked closely with project managers, data scientists and ML engineers.
- Built robust data pipelines to serve hundreds of users a second by optimizing a cache distribution system.
- **Python, Redis, Flyte, AWS (S3, DynamoDB), ML (Reinforcement Learning)**

Microsoft – Senior Software Engineer II

OCTOBER 2020 – OCTOBER 2022

- As a full-stack engineer, I helped build tools to display and manage accurate incentive compensation plans for over 30,000 professionals selling Microsoft Products through complex data pipelines.
- Developed modeling, processing, and consumption tools as well as scalable APIs to consume and serve terabytes of data as well as the monitoring, anomaly detection, and data quality checks necessary.
- Automate full infrastructure deployments to scale to a multi-tenant architecture (Federal and Commercial).
- Team Lead of Diversity and Inclusion efforts and initiatives in the South East (Charlotte).
- **C#, SQL, React, TypeScript, Azure (Databricks, Data Lakes, and Data Factory)**

Henri – Senior Software Engineer

SEPTEMBER 2018 – OCTOBER 2020

- Built features end to end including scoping requirements, developing, testing, and deploying new projects based on market competitors and user needs to enhance the overall user experience.
- Develop mobile app features through React Native along with scalable and secure APIs to support them.
- Advanced our test suite by leveraging test-driven development and setting better testing standards.
- **Ruby on Rails, React Native, Vue.js, PostgreSQL, RSpec, Heroku, AWS (S3)**

CIMCloud

Product Development Team Lead
Software Engineer

MARCH 2018 – AUGUST 2018
JUNE 2016 – MARCH 2018

- Managed seven engineers developing integrations with ERP systems into full e-commerce websites.
- Lead client meetings to help translate, scope, and cost their needs through effective technical plans.
- Heavily involved in the implementation and training in the company’s switch to a modern JavaScript framework, Knockout.js, including installation and creating technical plans to convert customizations.
- **C#, Knockout.js, AWS, ASP, SQL**

EDUCATION

University of South Carolina	Masters in Software Engineering	Summa Cum Laude	2016
University of South Carolina	Bachelors in Computer Science, Mathematics	Cum Laude	2015