



Annabelle L. Strong

User-inspired full-stack engineer passionate about uniting code, cognitive science, AI, and design to create impactful, innovative, and intuitive solutions with modular architecture.

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Experience

Travelers
Insurance

Software Engineer I, Personal Insurance SDLC+ Initiative

November 2024–
Present

Released a Bedrock-based GenAI code reviewer that cuts review cycle time by over 20%.

- Designed and developed app independently while leveraging SMEs to ensure best practices.
- Experimented with various agentic patterns to optimize for both cost and capability.
- Recorded demos and created documentation for users and senior company leadership alike.
- Collaborated closely with pilot teams to iterate quickly in preparation for org-wide rollout.
- Integrated Dynatrace monitoring and created CloudWatch dashboards for observability.

Wrote and documented scaffolding for implementing the emerging Model Context Protocol.

- Created wrapper library in TypeScript with robust GitHub example to facilitate fast adoption.

Conducted evaluations across various GenAI code agents to inform enterprise tool choice.

AWS BEDROCK, CLAUDE, PYTHON, TERRAFORM, DYNATRACE, TYPESCRIPT, MODEL CONTEXT PROTOCOL (MCP), JIRA

Engineering Development Program (EDP) Software Engineer

September 2023–
October 2024

Extended, upgraded, and incrementally refactored a critical multiplatform billing portal.

Collaborated on an xAPI data redesign and supervised a small team in its implementation.

- Critiqued and revised original architecture, making iterative refinements as work progressed.
- Conducted frequent, detailed code reviews to enforce both architecture and best practices.

REACT, NODE, EXPRESS, REACT NATIVE, ANDROID, IOS, JEST, AWS LAMBDA, AWS CLOUDWATCH, RALLY

Technology Leadership Development Program (TLDP) Intern

June 2022–
August 2022

Created and deployed a full-stack NLP web app to visualize survey sentiment data.

- Fine-tuned classical NLP model BERT to deliver accurate assessments of feedback text.

REACT, NODE, EXPRESS, MONGODB, MONGOOSE, PYTHON, FLASK, AWS LAMBDA, AWS S3, HUGGINGFACE

Technology Leadership Development Program (TLDP) Intern

June 2021–
August 2021

Established new standards for data architecture and visualization in Salesforce.

- Worked closely with stakeholders to translate business questions into data requirements.

Innovation Technology Intern

June 2020–
August 2020

Developed and tested a new customizable event hub using the MERN stack.

- Investigated early unit testing opportunities to add test coverage to existing code.
- Conducted manual E2E testing to support productionalization and early piloting.

Researched devices, technologies, and architectures for a cloud-based IoT POC.

- Presented early architecture to AWS partners for validation and refinement.

REACT, NODE, EXPRESS, MONGODB, TERRAFORM, AWS CLOUDWATCH, AWS S3

Education

Wellesley
College

B.A., Computer Science and Cognitive Science

May 2023

Summa Cum Laude

Choate
Rosemary Hall

High School Diploma

May 2019

National Merit Scholar

2017 Award for Excellence in Advanced Computer Science

Lead Programmer for Choate Robotics

Certifications

AWS Certified Cloud Practitioner

December 2023