Annabelle L. Strong

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

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Experience

Travelers Insurance

Software Engineer I

Software Development Lifecycle (SDLC+) · *Personal Insurance*

November 2024–Present

Delivered PI-wide GenAI code reviewer that cuts average review cycle time by over 15%.
- Designed and developed system independently while leveraging SMEs for best practices.
- Experimented with various agentic patterns in Bedrock to optimize over cost and capability.
- Provided demos, documentation, and info sessions for users and enterprise leadership alike.
- Conducted wave-based rollout, working closely with pilot teams to iteratively improve the app.
- 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, MCP, JIRA, AMAZON Q, MICROSOFT COPILOT

Software Engineer, Engineering Development Program

Self-Service · *Personal Insurance*

September 2023–October 2024

Extended, upgraded, and incrementally refactored a critical multiplatform billing portal.
Supervised a small team in the implementation of a collaborative xAPI data contract rework.
- 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

Software Intern, Technology Leadership Development Program

Artificial Intelligence & Analytics · *Business Insurance*

June 2022–August 2022

Developed and deployed an NLP web app leveraging BERT to visualize survey sentiments.

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

Information Insights · *Business Insurance*

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.

Technology Intern

Innovation Technology · *Digital Enablement*

June 2020–August 2020

Contributed to development and testing of a customizable event hub using the MERN stack.
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

Certifications

AWS

Certified Cloud Practitioner

December 2023

Updated July 14, 2025