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

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 enterprise 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
Self-Service, Personal Insurance
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
Artificial Intelligence & Analytics, Business Insurance
June 2022–August 2022

Developed and deployed a full-stack NLP MERN 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
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.
- 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
Summa Cum Laude
May 2023

Certifications

AWS

Certified Cloud Practitioner
December 2023

Updated July 14, 2025