Reed Colloton

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PROFESSIONAL SUMMARY

Backend software engineer and applied-AI builder with 3+ years shipping cloud services and AI agents. At Deloitte Innovation Hub, delivered production LLM agents and internal tools on Vertex AI and AWS Bedrock. At a startup, optimized and reduced cost of LLM-based event scraper. Built and operated REST APIs and authentication/permissions flows. Debugged with Cloud Logging and unit tests. Built MyClipboard.io (2,000+ users) across React/React Native using App Engine. GCP ACE certified. B.A. CS (GPA 3.7, May 2026).

WORK EXPERIENCE

AI/ML Intern, Deloitte Innovation Hub – Cairo, Egypt   May–Aug 2025
• Built ReAct agent for Jira to generate sprint reports and update boards/issues using MCP tools.
• Implemented interview-prep LangGraph chatbot that conducts a mock interview and gives targeted feedback.
• Deployed AI solutions using GCP Vertex AI and AWS Bedrock.
• Certified as GCP Associate Cloud Engineer (ACE) during the internship.
• Participated in all steps of the software development lifecycle (SDLC) on Scrum/Kanban projects.

Software Engineer Intern, Joinable (startup) – Mill Valley, CA   June–Aug 2024
• Improved LLM-based event scraper through prompt engineering.
• Moved scraper to lower-cost LLM while increasing accuracy.
• Added support for recurring events in event scraper.
• Fixed bugs in backend code and wrote unit tests.

EDUCATION

University of Colorado, College of Engineering – Boulder, CO   Expected Graduation May 2026
• BA in computer science with a minor in business
• GPA: 3.7
• Relevant coursework: machine learning, artificial intelligence, data science, algorithms
• Projects: Mancala AI

Grinnell College – Grinnell, IA   2022–2023
• Pursued BA in computer science
• GPA: 3.7, ACT: 34
• Relevant coursework: data structures, object-oriented programming (OOP)
• Projects: simple blockchain
• Activities: Intramural basketball team captain

SKILLS

Languages: Python, Java, Swift, C/C++, JavaScript/TypeScript, SQL, assembly
AI/ML: AI/LLM agents, LangGraph, Model Context Protocol (MCP), prompt engineering, OpenAI/Anthropic, NumPy/Pandas, scikit-learn
Technical: FastAPI/Flask, REST, Docker, Git, unit testing, React.js, React Native, UI/UX, Agile development
Cloud: Google Cloud Platform (GCP), App Engine, Cloud Logging, Amazon Web Services (AWS), Lambda, S3, Textract, IAM
Certifications: Associate Cloud Engineer (ACE)

PROJECTS

MyClipboard.io – Universal clipboard with 2,000+ verified users.
• React web app + React Native (iOS/Android) + Chrome extension. Backend on Google App Engine.
• Implemented authentication, usage analytics, and sync. Link: myclipboard.io/download.

Outside air quality alerts – Wildfire-season monitoring.
• Displays air quality warnings based on hyper-local PurpleAir community air quality sensor network.
• PyQt app running on Raspberry Pi display.

INTERESTS

• Photography (see reedcolloton.com), backpacking, basketball, Wilderness First Responder (WFR) certified