

RYAN KLAPPER

Ryan.Klapper.MA@gmail.com | C: 650-388-6500 | Los Angeles, CA | [LinkedIn](#) | [Github](#) | [Medium](#) | [Website](#)

TECHNICAL SKILLS

Programming Languages: Python, SQL, Typescript, Next.js, Node.js, React

Development Highlights: Generative AI-Powered Solutions, Agentic Workflows, Retrieval Augmented Generation (RAG), Large Language Model (LLM) development, A/B Testing, Automation Development, Data Pipeline Development, Big Data Analytics

Enterprise: Data Visualization (Streamlit, Power BI, Tableau, Sigma), Snowflake, Amazon Web Services (AWS), Microsoft Azure, Google Cloud, dbt, Fivetran, Cursor, v0, Airflow, Github, OpenAI, Anthropic/Claude, Llama, Gemini, Groq, AWS Bedrock

EXPERIENCE

Senior AI Engineer

Hakkoda | Remote | 08/2025 - Present

Tools Used: Python, Typescript, Next.js, SQL, Snowflake, Snowflake Cortex, OpenAI APIs, Anthropic APIs, Groq APIs, Langchain, Langgraph, REST APIs, LLMs, Docker, Snowpark Container Services

- **Enterprise-Grade Deployments:** Led development and architectural design of AI applications for clients, ensuring privacy, scalability, reliability, and security across multi-cloud environments
- **Snowflake-Centric AI Systems:** Designed and productionized many Cortex-powered AI applications within Snowflake, enabling security for clients. This scaled GenAI adoption for many Fortune 500 clients
- **Program Leadership:** Drove end-to-end delivery of 25+ enterprise GenAI initiatives, transitioning POCs into production-grade deployments, including a flagship program that won multiple awards (WatersTechnology 2024 American Financial Technology Award & CIO 100 Award)

AI Engineer

Hakkoda | Remote | 09/2024 - 08/2025

Tools Used: Python, Typescript, Next.js, SQL, Snowflake, Snowflake Cortex, Anthropic APIs, OpenAI APIs, Groq APIs, Langchain, Langgraph, REST APIs, LLMs

- **AI Application Development:** Led design and implementation of AI solutions (code assistants, document automation, full-stack apps) to boost efficiency and user engagement.
- **Snowflake Collaboration:** Partnered with Snowflake to architect and deploy AI applications for Financial Services, Retail & CPG, Industrial, and Healthcare accounts, turning a flagship AI proof-of-concept into a large delivery program and a featured story at Snowflake Summit 2025.
- **Solutions Architect:** Architected/Delivered 25+ GenAI projects with Snowflake Cortex, AWS Bedrock, and Microsoft Azure for organizations in Logistics, Financial Services, Sports & Entertainment, Healthcare and Manufacturing.

Analytics Engineer 2 (AI Focus)

Hakkoda | Remote | 08/2023 - Present

Tools Used: Python, Langchain, APIs, LLMs, Snowflake

- Spearheaded an innovative **AI initiative**, playing a pivotal co-leadership role in **automating data migrations and pioneering modernization efforts**, driving the evolution of data management practices.
- Conceptualized and developed advanced **Generative AI** agents utilizing technologies such as **Python, Langchain, and RAG** (Retriever-Augmented Generation), automating workflows and enhancing operational efficiency.
- Developed and deployed **50+ AI-integrated Streamlit applications**, which led to more data-driven decision-making.

Analytics Engineer

Hakkoda | Remote | 12/2022 - 08/2023

Tools Used: Python, Snowflake, dbt, APIs, Tableau, Sigma

- Architected **50+ robust data pipelines** using **dbt** models in **Snowflake**, enhancing scalability and performance. Developed **Python** scripts to streamline and optimize model-building processes, boosting operational efficiency and accuracy.
- Optimized **100+ SQL queries**, drastically reducing model building time by **350%** and accelerating the analytics lifecycle

Data Scientist

Powur | Remote | 10/2020 - 04/2022

Tools Used: Python, Power BI, APIs

- Developed **Python** scripts for internal problem-solving, **KPI development**, geocoding, analysis, and **API** development
- Developed and combined external data sources from different **APIs** into one database for reports, analysis, and forecasting
- Designed and maintained a comprehensive **Power BI** ecosystem. Facilitated data-driven strategies by building insightful reports, organizing workspaces, and managing requests, enabling C-suite stakeholders to align with company goals and objectives.

RELEVANT PROJECTS

DesignArena, April 2025 - Present

- A repeatable workflow for comparing HTML/CSS design generation quality across multiple LLMs. Models receive a design brief and generate complete, standalone HTML files with Tailwind CSS.
- Research-based generative UI
- Blind experimentation based on top of class foundational models

LocalBiz, April 2025 - Present

- Developed a Multi-Agent framework that allows for the identification, ideation, development, and deployment of websites
- Leveraged OpenAI API, Codex SDK, and OpenAI Agents to allow for the analysis automation
- Identification to Deployment in under 10 minutes

AnyWeb, June 2025

- Created an agentic workflow that ingests a company's entire website and turns it into a chatbot in under 30 seconds
- Leveraged Firecrawl, OpenAI GPT-5, and Codex SDK

EDUCATION

Bachelor of Science in Data Analytics, *Chapman University*, Orange, CA | May 2020

CERTIFICATIONS

SnowPro Speciality Gen AI Certification, *Snowflake* | July 2025

SnowPro Advanced Data Scientist Certification, *Snowflake* | December 2024

SnowPro Core Certification, *Snowflake* | January 2023

AWS Certified Cloud Practitioner, *Amazon* | October 2023