

Cameron Reid

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EXPERIENCE

Jacobian Labs — Founder/Principal Engineer

June 2023 - Present

Founded consulting practice focused on building reliable, robust software systems for clients across diverse industries, specializing in machine learning and scalable architecture.

Klaviyo — Senior Software Engineer

June 2022 - June 2023

Klaviyo ingests a huge amount of data from various e-commerce integrations. My team and I were responsible for reliably and efficiently managing that huge stream of incoming data.

Sense — Senior Software Engineer

February 2021 - June 2022

Working on the chatbot team, I helped guide the development of Sense's primary AI product to provide a conversational AI assistant using deep learning NLU techniques.

Kerauno — Principal Software Engineer

September 2018 - November 2019

I helped guide a team of engineers to build the backbone of Kerauno's next-generation communications workflow platform using modern best practices, including robust relational data modeling in PostgreSQL and Golang microservices orchestrated with Kubernetes.

Torchlite — Senior Platform Engineer

December 2015 - September 2018

I served as a founding member of the engineering team at a very small startup, handling all of the back-end architecture and implementation.

Emerging Threats / Proofpoint — Software Engineer

July 2014 - December 2015

I joined Emerging Threats, an Indianapolis cybersecurity startup, and immediately became interested in the problems of robustly managing big data.

TOOLS

Expert with **Docker**, **Kubernetes**, and other containerization technologies

Expert level knowledge of **PostgreSQL** specifically and relational database systems generally.

Experience using **PyTorch**, **TensorFlow**, **Keras**, and other machine learning frameworks.

Technical polyglot with professional expertise in many languages including Python, Java(/Type)Script, Scala, Rust, Ruby, Go and more

Extensive experience with **AWS**, **Azure**, and **GCP** cloud computing platforms.

NOTABLE WORK

Chatbot V2 is a successor to the Sense chatbot that is more scalable, more maintainable, and more stable than its predecessor, allowing Sense to feel confident selling AI in a demanding market.

Mutual Reinforcement Learning is the result of research into novel multi-agent machine learning algorithms

Kerauno Event Engine: The high-throughput, fault-tolerant, distributed event reactor at the heart of the Kerauno communication orchestration platform.

EDUCATION

University of Illinois, Chicago
Ph.D.: 2024-present

Purdue University, Indianapolis
M.Sc. May 2021

Purdue University, West Lafayette
BS May 2014