

Jibram Jimenez-Loza

Software Engineer, ML & AI Systems

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SUMMARY

Software engineer with 5+ years building ML and AI systems end to end, from models and data pipelines to the product and release infrastructure around them. At Google, built ML reserve-pricing models that generated \$10M+ in revenue, plus the MLOps pipelines that trained and tuned them. Currently building release infrastructure for Letta's desktop app.

EXPERIENCE

Nob Hill Labs (Contracting for Letta, an AI research lab)

Aug 2026 - Present

Senior Software Engineer

Remote (SF Bay Area)

- Proposed and built a packaged end-to-end (e2e) test stage in GitHub Actions for Letta's Electron desktop app, testing the fully built app users install and gating production promotion on failure.
- Caught a couple of packaging regressions (asar, native modules) that the existing e2e suite missed in its first week, including an open user-reported bug; fixed both.

Chelys / HumaniCore

Mar 2026 - Present

Independent Software Engineer

Remote (SF Bay Area)

- Built and launched the marketing sites and user intake funnels for two pre-seed startups (chelys.io, humanicore.ai), setting up DNS, GitHub-connected Vercel preview and production deploys, and initial AWS/Supabase services.
- Built the server-side intake flow in Astro with input scrubbing and rate limiting; advised founders on product direction and the feasibility and scaling of services.

Datavant

Sep 2025 - Dec 2025

Software Engineer

Remote (SF Bay Area)

- Extended an ELT pipeline (Python, SQL, Snowflake) to support a client-specific schema, including database migrations and intermediate-table transformations, taking the client live on a production searchable database.
- Integrated the new data into the existing customer-matching and heuristic-ranking workflow across Python/FastAPI services, AWS RDS, and Snowflake.

Google

Oct 2021 - Nov 2024

Software Engineer

Remote

- Engineered ML reserve-pricing models for sparse travel-ads auctions and deployed region-specific variants, generating 2.5%+ revenue lift (\$10M+).
- Extended large-scale MLOps pipelines for deep neural networks (TensorFlow, TFX, distributed C++ data processing with Flume) to new ad verticals, tuning model capacity, layers, and training stability for each.
- Built a simulation pipeline on Google Vizier (Bayesian optimization) that automated hyperparameter retuning after model or data changes, replacing manual engineer tuning with configs optimized for maximum profit and minimal click loss.

Ancestry

Jan 2020 - Oct 2021

Associate Software Engineer

Remote

- Improved checkout conversion by using funnel drop-off and error-rate dashboards to find struggling user groups, then shipping and A/B testing React component fixes.
- Built go-to-market features, including multi-region and multi-language validation, that opened new international markets and contributed to 5%+ user growth.

SKILLS

ML & Data: TensorFlow, TFX, hyperparameter tuning (Vizier), Snowflake, SQL

Languages: Python, C++, TypeScript, JavaScript

Cloud & Delivery: AWS, GCP, GitHub Actions, CI/CD, Vercel, Supabase

Backend & Apps: FastAPI, Node.js, gRPC, React, Electron, Astro, Jest, Cypress

EDUCATION

University of California, Merced

Aug 2016 - Dec 2019

B.S. in Computer Science and Engineering | GPA: 3.6 | Dean's Honors

Yonsei University, Seoul

Aug 2017 - Jun 2018

Study Abroad | Coursework: Artificial Intelligence, Computer Vision