

Alex Sidarau

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Data Engineer and AI Implementation Engineer

Python- and SQL-first engineer and consultant with enterprise data-platform experience at Amagi, Crackle and ZS. Works across cloud data pipelines, APIs, analytics and customer-facing AI implementations. At Zeug Lab, leads agent-assisted delivery and owns requirements, architecture and validation. Seeking Los Angeles or remote roles with up to 25% travel.

Engineering: Python, SQL, REST APIs, AWS, Google Cloud, PostgreSQL, Supabase, Spark, Airflow, Databricks, BigQuery, Redshift, Snowflake, Docker, Terraform.

AI delivery: Model Context Protocol (MCP), retrieval-augmented generation, agent workflows, permission boundaries, release verification, human approval.

Customer delivery: discovery, requirements, solution architecture, QA/UAT, stakeholder communication, deployment and handover.

Working production exposure: TypeScript, Node.js, React and Next.js.

Selected Systems

Claw Terminal Macro Research Platform

- Delivered a Next.js interface on Vercel and a protected Node/Express job engine on AWS Lightsail, integrating external market, economic and news data.
- Designed scheduled ingestion, SQLite WAL persistence, backoff and PM2 supervision; kept infrastructure credentials server-side and external data calls off the interactive request path.

Try Day Club Rental Platform and MCP Service

- Led delivery of separate renter and operator applications for a Los Angeles rental business, translating booking, pricing, promotions and onboarding workflows into deployed software.
- Directed payment-first checkout with resumable onboarding, duplicate-purchase prevention and retained attribution; verified desktop/mobile behavior and deployments of both applications from the same source revision.
- Added operator reports for booking intent by vehicle and date, with explicit limits on historical data, plus vehicle-specific promotions and reward rules.
- Delivered a Python/FastMCP service on Fly.io with public fleet tools and authenticated operator access; release checks exercised tool calls, OAuth behavior and denied anonymous access.

Open Collective Member and Operator Platform

- Built the business model and brand, ran campaigns and implemented cold email for a private membership and hospitality business.
- Built member and operator applications, backend and analytics for referral intake, screening, onboarding, stays and events.
- Established Supabase as the operational record and added authenticated MCP and knowledge interfaces with owner/admin boundaries and human approval for consequential actions.

ClawPanel and Zeug OS

- Designed workspaces for teams and agents with shared files, memory, permission boundaries and auditable actions.
- Designed an internal delivery system connecting Linear, versioned specifications, AWS Lambda orchestration, model executors, reusable skills and evidence-based acceptance.
- Used customer implementations to identify reusable platform capabilities; owned scope, review and operating decisions in agent-assisted builds.

Professional Experience

Zeug Lab | Founder and Forward Deployed AI Engineer

Westlake Village, California | November 2020–Present

- Build business models and brands alongside the software and data systems that run the operation; work directly with founders and operators to define the offer and delivery scope.
- Lead architecture, APIs, cloud deployment and release validation; use coding agents within scoped specifications and acceptance checks.
- Built DJLessonsLA's business model and brand, website and backend, campaign and cold-email acquisition, and analytics layer.

ZS Associates | Associate Consultant

Los Angeles, California | May 2025–May 2026

- Coordinated Salesforce Marketing Cloud email/SMS operations for Amgen brands, including metadata governance, Litmus, SIT/UAT and distributed sprint delivery.
- Supported iDNA data-platform modernization across AWS, Databricks, Airflow, Tableau and Redshift, translating architecture and governance requirements.

The Beachbody Company | Business Systems Analyst to Senior Analyst

Los Angeles, California | March 2017–December 2024

- Delivered analytics, experimentation, automation and operating recommendations associated with more than \$2M in reported cost savings.
- Built and deployed an AI-assisted creative production and review workflow credited with \$400K in annual cost savings.
- Managed analytics and optimization for a \$500K/month media portfolio spanning OTT, CTV, audio, programmatic, affiliate and linear channels.
- Led reporting automation, experimentation and implementation QA across web, iOS, Android, Roku and Fire TV.

Amagi | Big Data Engineer Part Time Consulting

New York, New York | April 2023–January 2024

- Unified streaming, engagement and advertising data in an AWS/Python/Spark/Looker platform for leadership and marketing teams.
- Aligned stakeholders around a shared operating view and advised leadership on Ad Plus platform priorities.

Crackle | Analytics Manager and Data Engineer Part Time Consulting

Los Angeles, California | April 2021–April 2023

- Built BI and production data pipelines across Google Cloud, BigQuery, Redshift, Snowflake, Fivetran, Tableau, Looker and QuickSight.
- Stabilized engagement and marketing reporting and delivered a shared decision layer for operating teams.

Education and Credentials

- Bachelor of Informatics and Radio-electronics Systems, BSUIR.
- Data Engineering and Machine Learning, UCLA Extension.
- MicroMasters coursework in Finance, MITx/edX.
- AWS Solutions Architect Associate certification earned 2021; expired 2024.