

JAKE BODEA

Irvine, CA · jakebodea@gmail.com · 949-298-0911 · jakebodea.com · [LinkedIn](#) · [GitHub](#)

Education

Stanford University Graduate Certificate in Artificial Intelligence <i>Coursework: Artificial Intelligence: Principles and Techniques, Machine Learning, Natural Language Processing with Deep Learning, Machine Learning from Human Preferences.</i> GPA 4.0	Stanford, CA 2026
Concordia University Irvine Bachelor of Arts in Mathematics — Minors in Computer Science, Business Data Analytics, and Music <i>Summa Cum Laude, Outstanding Mathematics Graduate Award.</i> GPA 3.94	Irvine, CA 2022

Experience

TaxRise <i>Technical Staff</i>	November 2024 - Present <i>Irvine, CA</i>
<ul style="list-style-type: none">Built ElevenLabs + Twilio + Talkdesk voice and text agents with a custom MCP tool server that executes core client-care actions; currently handling 500+ calls/day with about 80% resolved without human transfer.Built a call-intelligence backend processing 5,000+ calls/day into transcripts, summaries, compliance checks, and coaching signals, eliminating about 10 hours/week of manual call review per call-facing employee.Built AI coaching workflows for 20+ sales reps that simulate failed calls from transcript-derived objections, replacing manual review loops and saving about 1 hour/day per rep.Owned the full client-platform rebuild by replacing a 60-page Salesforce Experience Cloud portal (Aura/LWC) with custom React/Next.js monorepo applications and leading architecture, implementation, and production cutover.Established a unified design system and interaction model across intake, status, payment, and document workflows, reducing median time to exit key onboarding statuses from 23 hours to 40 minutes.Built payment workflows (card, ACH, Plaid, schedule/change/cancel actions) and clearer status UX, shifting operations from rep-managed handling to self-serve and agent-assisted paths.Built OCR + LLM document pre-screening that auto-matches about 90% of uploads in 7-10 seconds client-side and reduced manual review staffing from about 40 full-time reviewers to 2 part-time reviewers.Implemented PostHog feature flags, staged rollouts, and AB-tested kill switches; engineered shared Salesforce auth/session reliability (Redis pooling, distributed locks, retries), reducing org logins from about 6,000/day to about 300/day and eliminating auth-limit outages.	
Stanford University <i>Course Facilitator</i>	
Beckman Coulter Diagnostics <i>Data Scientist</i>	

Stanford University <i>Course Facilitator</i>	October 2024 - Present <i>Remote</i>
<ul style="list-style-type: none">Teach, mentor, and grade assignments in XCS229 (Machine Learning) and XCS221 (Principles of AI), guiding students through model formulation, optimization tradeoffs, and implementation debugging.	
Beckman Coulter Diagnostics <i>Data Scientist</i>	

Projects

Super Simple Secret Santa — <i>TypeScript, TanStack Start</i>	November 2025
<ul style="list-style-type: none">Designed and implemented the assignment engine (constraint validation + deterministic pairing rules) to guarantee valid Secret Santa outcomes with exclusion constraints.Shipped the product end-to-end at supersimplesecretsanta.com (open-source on GitHub), reaching about 100 users.	

Technical Skillset

AI/ML & LLM: OpenAI, Anthropic Claude, Claude Code, Gemini, Codex, Cursor, BERT, RAG, OCR, AI agents, MCP tooling, embeddings, vector search; **Languages:** TypeScript, Python, SQL; **Frontend:** React, Next.js; **Backend & APIs:** Node.js, NestJS, REST APIs, GraphQL; **Cloud/DevOps:** AWS, Cloudflare, Railway, Fly.io, Docker, Kubernetes, GitHub Actions, S3, Lambda, ECS, IAM, RDS, CloudWatch; **Data:** PostgreSQL, NeonDB, Redis, Databricks; **Platforms:** Salesforce (Aura, LWC), Stripe, Plaid, Twilio, ElevenLabs, PostHog, Git, Vercel, Bun, Linux