

CHAZ J. PETERSON

AI SOLUTIONS ARCHITECT • GENERATIVE AI • AI AGENTS • OPERATIONAL AUTOMATION

AI Solutions Architect and operational AI specialist with 20+ years of cross-industry leadership designing, deploying, and optimizing generative AI systems, automation pipelines, and AI agent frameworks. Proven track record building 60+ custom LLM systems, implementing 200+ workflows, and driving 40%+ operational efficiency gains. Expert at transforming complex business processes through applied AI, workflow automation, and cross-functional collaboration to deliver measurable revenue and scalability.

CONTACT

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CORE EXPERTISE

- AI Solutions Architecture
- Generative AI & LLM Engineering
- AI Agents & Automation Systems
- Workflow Engineering & Optimization
- Prompt Engineering & NLP
- MLOps Concepts & Deployment
- API Integrations & System Design
- Operational AI Implementation
- Data Analysis & Performance Metrics
- Cross-Functional Collaboration
- Brand Activation & Field Marketing
- Event Production & Management

TECHNICAL STACK

OpenAI GPT • Claude • Gemini
Gemini Enterprise • Grok • LangChain
Vertex AI • Vertex AI Studio • GCP
Python • Zapier • API Integrations
CRM Systems • Google Analytics
MLOps Concepts • AI Agent Systems
Adobe Creative Suite • DaVinci Resolve
Canva • UI/UX Wireframing

EDUCATION

Neural Networks & Machine Learning Basics
CourseUSA, 2023

Computer Networking Coursework
Los Medanos College, 2009

High School Diploma
Independence High School
Completed Early at Age 16

PROFESSIONAL EXPERIENCE

Senior AI Solutions Architect & Automation Engineer — 2023 – Present
OmniFusion Brainframe / OmniFusion AI • Remote

- Architect and deploy AI-driven systems, automation pipelines, and AI agent solutions across operations, marketing, and creative environments.
- Designed and implemented 200+ workflows integrating LLMs, APIs, CRM systems, and operational platforms.
- Built and optimized 60+ custom AI/LLM systems using OpenAI GPT, Claude, Gemini, LangChain, and multi-model orchestration.
- Improved operational efficiency by 40%+ through AI-powered workflow redesign and automation strategies.
- Lead cross-functional teams in AI integration, training, documentation, and long-term adoption strategies.

AI Developer & Prompt Systems Engineer — 2022
Chase Ai-X Corp • Remote

- Developed a custom conversational AI system for a Netflix-featured culinary brand.
- Engineered advanced prompt pipelines, personality modeling, and contextual interaction frameworks.
- Integrated generative AI into content production and operational workflows.

Co-Founder & Chief Product Officer — 2018
CBTDA Product Line • Remote

- Co-founded and scaled a premium wellness product company with multi-state distribution.
- Lead product innovation, branding, vendor relations, operations, and go-to-market strategy.
- Implemented operational systems for inventory, production, compliance, and scaling.

Field Marketing Coordinator — 2023
Colab Marketing & Events LLC • Chico, CA (Remote)

- Manage 10+ ambassador teams and execute brand activations across Northern California.
- Analyze campaign performance to optimize ROI and pipeline generation.
- Brands: BLOOM, LIME, BINSKE, AMWE CO, ARTET, SEVEN LEAVES, RAW GARDEN, YADA YADA, HOUSE OF CONGO

Field Marketing Specialist — 2024
Rishi Marketing • Greater Chico, CA (Contract)

- Execute live brand activations for premium wellness and lifestyle brands.
- Drive customer engagement, product education, and conversion in high-traffic retail.
- Brands: KIVA, PLATINUM VAPE, SLUGGERS

CERTIFICATIONS & CREDENTIALS

- Machine Learning Operations (MLOps) for Generative AI
- Create Your First Gemini Enterprise Application
- Gemini Enterprise Agent Ready
- Enterprise Agents and Use Cases
- AI Agents Fundamentals & Introduction to AI Agents
- Gen AI Agents & Gen AI Apps: Transform Your Organization
- Prompt Design in Vertex AI • Introduction to LLMs
- Prompt Engineering Guide • Gen AI: Beyond the Chatbot
- Google Cloud Platform Certifications (18 Total)
- Google Ads & Analytics Certifications (6 Total)
- HubSpot Marketing Certifications (2 Total)
- Indeed Assessments: Written Communication & Proofreading
- Basic Terpene Science & Interpening: Terpene Formulation

ACHIEVEMENTS

- Designed & deployed 60+ custom AI/LLM systems
- Built 200+ automation workflows
- Increased operational efficiency by 40%+
- Executed 4,000+ product demos with 85–90% engagement
- Managed 400+ brand activations across multiple markets
- Produced and managed 100+ large-scale events & tours
- Secured $50K+ in sponsorships for events and brand activations