

EMPLOYMENT HISTORY

Lead AI Systems Engineer (Contract) at Domelin

November 2025 - August 2026

- Led end-to-end design and delivery of a production AI-assisted tenant verification platform supporting document intake, identity workflows, payment gating, and case orchestration across four milestones.
- Architected WhatsApp-based document ingestion using Twilio and n8n, enabling tenants to submit bank statements, IDs, employment certificates, and tax returns via mobile.
- Built FastAPI and PostgreSQL/Supabase backend services for verification records, admin review flows, landlord dashboards, role-based access, and full audit visibility.
- Implemented AI-assisted document triage using Gemini, including document classification, quality checks, duplicate protection, and raw-response audit storage.
- Designed and delivered n8n automation workflows orchestrating the full case lifecycle: pending → contact_initiated → document_pending → tenant_replied, with audit logging at each transition.
- Integrated Twilio webhook for inbound WhatsApp messages, handling phone normalization (E.164), payload parsing, and case-matching logic against Supabase records.
- Supported commercial launch readiness through login/auth improvements, VPS migration, e-signature workflow support, and provider-agnostic payment infrastructure.
- Maintained ongoing client communication throughout the engagement through periodic Loom video walkthroughs and messaging, culminating in a clean handoff of the stable, documented system.

Tech: FastAPI, PostgreSQL/Supabase, Twilio WhatsApp API, n8n, Gemini API, Didit KYC, DocuSign API, Mercado Pago, GitHub, Vercel, Hostinger VPS, PowerShell.

Founder at PhysicAI Labs

September 2024 - Present, Auburn, WA

- Established PhysicAI Labs as an independent applied-AI laboratory and product incubator for moving ideas from early exploration to working proofs of concept and, when validated, into products.
- Prototype AI-enabled business systems combining LLMs, workflow orchestration, data capture, dashboards, messaging, and third-party APIs.
- Apply a problem-first, proof-to-pilot process: define the business problem, evaluate technical feasibility, build a working demonstration, gather feedback, and identify reusable components for productization.
- Built reusable capabilities for AI analysis, private previews, lead capture and tracking, outreach preparation, client intake, and pipeline management through earlier business experiments.
- Incubating Tekia, an AI-enabled FSBO platform featuring property websites, an AI buyer concierge, lead capture, showing requests, campaign assets, and seller analytics.

Tech: OpenAI/Gemini APIs, n8n, React, Node.js, PostgreSQL, Stripe, GitHub, Railway.

Senior Business Writer at Ninety.io

September 2023 - June 2024, Remote

- Launched and led editorial for Ambitious Founder, a weekly newsletter for SMB leaders scaling to Stage 5.
- Ghostwrote CEO blogs on organizational structure, frameworks, and delegation (including "Grow or Die" series).

Marketing Writer at The Channel Company

June 2022 - May 2023, Remote

SUMMARY

AI Systems Engineer with experience building production agentic systems, LLM integrations, RAG pipelines, and automated business workflows. Led the end-to-end development of Domelin, a WhatsApp-based tenant verification platform integrating document intake, KYC, payments, e-signature, role-based access, and audit trails. Founder of PhysicAI Labs, an independent applied-AI laboratory where I prototype emerging technologies, test their technical and commercial value, and develop the strongest concepts into working products.

EDUCATION

Master of Education

Columbia University

Master of Arts

Andrews University

Bachelor of Arts

Walla Walla University

- Produced high-volume B2B custom content for a portfolio of global technology clients, specializing in cloud security, managed services, and infrastructure.
- Drove full-lifecycle content production for Partner Demand Services (PDS), including messaging frameworks, content syndication, and digital ad campaigns.

Writer at Audienz

September 2019 - June 2022, Remote

- Selected as the exclusive writer supporting both Microsoft and AWS projects simultaneously, building comprehensive messaging frameworks and GTM strategies.
- Developed compelling narratives and multifaceted campaign assets to inspire target audiences within evolving enterprise AI and cloud trends.

Managing Editor (Contract) at Arrow Electronics

December 2021 - December 2022, Remote

- Directed editorial strategy and led a 3-person writing team for a new enterprise cloud platform.

Founder & Consultant at StartUPLabs and Other Ventures

March 2016 - September 2019, Belmont, MA & Auburn, WA

- Founded and operated StartUPLabs and Linkedexcelerator, leading teams of up to seven specialists and developing web, business-planning, content, and digital-marketing services that generated recurring client revenue.
- Consulted with B2B technology clients on ROI-focused digital transformation content, producing developer documentation, white papers, case studies, articles, and web copy across cloud, mobile, big data, and AI.

Systems Consultant at MassMutual

July 2012 - March 2016, Boston, MA

- Recruited as an Emerging Tech Researcher for a new Innovation Center; identified and piloted high-impact technologies to drive digital transformation and operational efficiency.
- Researched and framed an ontology-driven knowledge capture approach using semantic web and early AI concepts—a precursor to modern Knowledge Graphs and RAG systems—to preserve tacit expertise.

SKILLS

AI Engineering

LLM API Integration

OpenAI API

Gemini API

FastAPI

Python

RAG Systems

Agentic AI Systems

Automation Orchestration

n8n

Twilio / WhatsApp API

Messaging-Based Workflows

Prompt Engineering

PostgreSQL / Supabase

API Integrations

Webhooks

Payment & KYC Workflow Automation

DocuSign API

SaaS Prototyping

Multi-Tenant Architectures

Production Debugging

Data Integrity

Backend Workflow Design

Vendor Integration

Conversational AI Agents

Lead Automation

Content Systems

Google Cloud

VPS / Linux

Vercel

S3 (AWS)