

DENNIS HAUN

Senior Full-Stack & AI Engineer | Web · Mobile · Backend · APIs · Cloud · AI

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Summary

Senior Full-Stack & AI Engineer with 12+ years of experience building end-to-end digital products, business systems, and scalable application architectures. Develops across frontend, mobile, backend, APIs, databases, cloud services, integrations, CRM, automation, and AI/GenAI using Python, C#, .NET, TypeScript, React, Next.js, React Native, Node.js, and modern application architectures.

Professional Experience

Senior Full-Stack & AI Engineer, Elevate Digital Studio 03/2021 – 06/2026 | West Jordan, UT

- Architected and built end-to-end digital products across web applications, mobile apps, backend systems, APIs, databases, cloud services, integrations, and automation.
- Developed modern application solutions using Python, C#, .NET, TypeScript, React, Next.js, Node.js, and React Native, including connected Android and iOS experiences.
- Integrated AI/GenAI capabilities, intelligent workflows, CRM systems, eCommerce, third-party APIs, and business automation into production-oriented applications.
- Owned projects across architecture, implementation, integration, deployment, performance optimization, and ongoing technical improvement.

Full-Stack Developer & System Architect, Wasatch Creative Systems 06/2016 – 02/2021 | West Jordan, UT

- Progressed from advanced web development into full-stack application architecture, building CMS platforms, CRM solutions, eCommerce systems, and custom business applications.
- Worked across frontend, backend, databases, APIs, integrations, authentication, automation, and performance to connect complex business workflows into cohesive systems.
- Designed technical architecture and integration patterns for maintainable, scalable solutions while continuing hands-on application development.

Web & Mobile Developer, Canyon Peak Interactive 04/2013 – 05/2016 | West Jordan, UT

- Developed responsive websites and mobile applications, expanding from frontend implementation into custom functionality, backend development, APIs, databases, and third-party integrations.
- Built digital experiences using PHP, JavaScript, WordPress, eCommerce platforms, and responsive web technologies while translating business requirements into functional products.
- Established the technical foundation for later full-stack application development through hands-on work across interfaces, business logic, integrations, and content systems.

Process Documentation & Technical Operations Coordinator 01/2011 – 03/2013 | West Jordan, UT

MountainView Business Solutions

Coordinated technical operations and documented business processes.

Education

B.S., Information Technology, *Western Governors University*

2006 — 2010 | Salt Lake City, UT

Research Assistant contributing to data entry, archive digitization, and research support (including summers 2007 and 2009).

Core Technology

Languages

Python · C# · .NET · TypeScript · JavaScript · PHP

Backend

Node.js · Express · Flask · FastAPI · ASP.NET Core · REST APIs

AI / ML

AI/GenAI · LLM Integration · AI Agents · AI Applications · XGBoost · LightGBM

Cloud

AWS · Docker · Cloud Deployment · CI/CD · Cloudinary

Frontend

React · Next.js · Vue · Nuxt · HTML5 · CSS3

Mobile

React Native · Android · iOS · Mobile Application Development

Data

PostgreSQL · MongoDB · MySQL · Prisma · Redis · Database Architecture

Business Systems

CRM · CMS · WordPress · Shopify · HubSpot · WooCommerce · n8n · Zapier · Make

Selected Projects & Technical Highlights

AI Full-Stack AI-Driven E-Commerce Architecture

Architected a production-ready AI-driven eCommerce platform around modular full-stack architecture, scalable backend services, and intelligent workflows. Designed system layers across Next.js, React, TypeScript, Python, FastAPI, PostgreSQL, Redis, MongoDB, AI/LLM services, and cloud infrastructure, including database, repository, service, API, authentication, caching, search, and AI integration strategies.

QuickAI — Full-Stack AI Web App

Built a full-stack AI web application combining article, blog-title, and image generation. Developed the frontend with React/Vite and backend services with Node.js/Express, integrating multiple AI APIs, secure authentication, PostgreSQL, Cloudinary storage, deployment, and documented REST endpoints.

Full-Stack Warehouse & Inventory Management System

Architected a scalable platform using Next.js, React, Prisma, and MongoDB, with role-based access, analytics dashboards, QR workflows, Stripe payments, Shippo shipping, and Brevo email integrations across inventory, fulfillment, and customer operations.

Roastery SaaS Platform

Architected and developed a SaaS platform for direct-to-consumer sales, subscriptions, marketplace transactions, and automated billing. Integrated Stripe Connect for multi-party payments, seller onboarding, split transactions, platform commissions, and recurring subscription payments.

AI-Driven Appointment & Customer-Service Automation

Built an n8n workflow connecting an LLM agent, Twilio, and a CRM to automate appointment booking and rescheduling, demonstrating practical AI integration with communications, business workflows, and customer data.

CRM Marketing Automation Platform

Designed and engineered a CRM marketing automation platform using Python/Flask with layered authentication, model repository, and service architecture for campaign management, segmentation, workflow automation, and analytics.

Electrical & HVAC Service Platform

Architected and developed a responsive application using Nuxt, Vue.js, TypeScript, JavaScript, HTML5, and CSS3 with reusable components, dynamic service/location pages, custom lead forms, interactive maps, external integrations, SSR/SEO, and performance optimization.

Additional Experience

CRM-Integrated Client Portal

WordPress/Elementor portal synchronized with Pipedrive CRM through a custom API wrapper.

Shopify Store Development

Custom storefront and responsive eCommerce implementation for a superfoods and wellness brand.

Meta Ads & Funnel Audit/Fix

Diagnosed and fixed a lead-generation failure involving funnel, tracking, and automation issues.