

TRAVIS DETERT

Menomonee Falls, Wisconsin

PROFESSIONAL SUMMARY

Travis Detert is a senior software engineer who helps organizations modernize and connect their critical systems, and deliver faster by putting AI to work in the development process. With more than 20 years across full-stack development, enterprise integration, and DevOps, he has delivered eCommerce, B2B, and high-availability platforms in retail, manufacturing, and other industries — owning vendor and payment-gateway relationships, untangling complex integration issues, and leading disaster recovery and security remediation at scale. He applies AI agents and automation to accelerate delivery and bring clarity to complex environments, from documenting and diagramming legacy systems to building production LLM integrations and guiding on-premise-to-cloud migrations. Clients rely on Travis to take ownership of difficult, multi-vendor problems and move initiatives forward quickly — backed by deep fundamentals in PHP, JavaScript, React, Node.js, MuleSoft and Azure integration workflows, and Infrastructure-as-Code on AWS.

SKILLS

- **Core Capabilities:** Enterprise and partner system integration; legacy modernization and on-premise-to-cloud migration; AI-accelerated development and automation; full-stack web application delivery; DevOps, reliability, and disaster recovery
- **AI & Automation:** LLM integration (Anthropic/Claude SDK, OpenAI), AI agent orchestration and streaming, prompt and rules engineering, AI-assisted system documentation and diagramming
- **Integration & Middleware:** REST API design and ecosystems, MuleSoft, MOVEit, Redwood RunMyJobs, JSCAPE, Azure Logic Apps & Function Apps, payment-gateway and partner data integrations
- **Cloud & DevOps:** AWS, Azure, Azure Pipelines (CI/CD), Infrastructure-as-Code, Linux administration, automation tooling
- **Languages:** PHP, JavaScript (primary); Python, C++, .NET, SQL
- **Frameworks & Runtime:** React, Node.js, Express, Electron; Codelgniter and a self-developed PHP framework and API (openkb); LAMP stack

- **Platforms & eCommerce:** Magento, WordPress, PyroCMS; B2B/B2C eCommerce
- **Databases:** SQL Server, MySQL, PostgreSQL
- **Security & Resilience:** Security auditing, incident response and remediation, disaster recovery
- **Media & Audio Engineering:** Audio engineering, server-side media transcoding and encoding (FFmpeg), streaming and broadcast workflows

EXPERIENCE

Senior Software Consultant

CentralSquare

2025 – Present

- Application development in Python and C++ with Azure Pipelines, supporting migration from an on-premise enterprise solution to a cloud-based, real-time platform.
- Leveraging AI heavily to document and diagram systems and solutions across a complex environment.
- Building AI agents and rules to support AI-first development on a large, legacy code base.

Founder & Principal Engineer

OpenKB.Cloud

Since 1998

- Designed and evolved OpenKB.Cloud — a modular ERP-style platform (200+ modules across a PHP backend and an Electron/React desktop hub) covering accounting, inventory, CRM, content, and operational data — built as a personal proving ground for new architectures, patterns, and technologies.
- Applied AI agents and codified rules to normalize and modernize a large, long-lived codebase — using schema-driven code generation to keep data models aligned across PHP, TypeScript, and React and eliminate drift, alongside unified logging and a plugin architecture that keep the platform consistent at scale.
- Engineered production-grade LLM integrations, including a native Anthropic (Claude) streaming agent and a pluggable AI-provider abstraction supporting multiple model backends, validating patterns later applied to enterprise modernization work.

Senior Integration Engineer

*Duluth Trading
Company*

Jun 2021 – Jun 2025

- Managed enterprise integration workflows across SQL Server, MuleSoft, MOVEit, and external partner platforms supporting banking, shipping, inventory management, forecasting, HR, and eCommerce operations.
- Led vendor-support coordination and deep troubleshooting for complex integration issues, including root-cause analysis across internal systems, third-party platforms, scheduled jobs, file transfers, and partner data flows.
- Audited legacy integration processes and supported migration efforts to Redwood RunMyJobs and JSCAPE, improving automation governance, reliability, and operational visibility.
- Built a custom barcode service for email order confirmations and established Azure Logic Apps and Azure Function Apps patterns to enable faster internal integration support when vendor delivery timelines were constrained.
- Developed a custom dashboard within an existing enterprise platform to centralize integration errors and workflow status visibility for support, monitoring, and issue resolution.

*Senior Full Stack & Integration
Engineer*

Outdoor Cap

Sept 2019 – Jun 2021

- Owned the vendor payment-gateway relationship, coordinating development priorities, support needs, and integration delivery for business-critical eCommerce payment processing.
- Built React product-display pages that enabled business-to-business bulk ordering in the custom embroidery industry, serving customers ranging from MLB-affiliated programs to small businesses.
- Built and improved MuleSoft integrations and existing integration workflows, coordinating with the Magento vendor team on parallel efforts to improve overall B2B workflows.
- Partnered with marketing department leadership to break down silos between development/IT and move initiatives faster.

Senior Full Stack & Devops Engineer Swarming Nov 2014 – Apr 2019
Technology

- Designed and built an API integration platform for hotel bookings as sole developer — backend PHP integration code plus a React.js dashboard — normalizing differences across third-party APIs and providing in-depth payload logging and real-time workflow status views.
- Managed DevOps and designed/built an Infrastructure-as-Code AWS platform, migrating both Magento and WordPress hosting off colocated infrastructure.
- Designed and built rapid-development optimizations for importing client projects into local developer environments, plus automation tooling to normalize the entire platform end to end.
- Managed 500+ web and database servers and 400 WordPress installations.
- Led disaster recovery for compromised Magento and WordPress sites — responding to a major infection on unsecured servers and recovering a severe situation — and performed generalized project intake on questionable system states, creating backups and forward mitigation plans.

Senior Software Engineer LiveRC.com Jun 2013 – Nov 2014

- Leveraged an existing openkb.cloud API to deliver a rapid backend improvement for near-real-time race archive data on a live race-timing and streaming platform for RC racing.
- Built socket-server-based streaming solutions delivering race data to video overlays for broadcast.

Senior Web Application Developer Wisconsin 2010 – 2012
Clearinghouse
for Prevention
Resources

- Built a series of self-managed content websites for this UW–Madison prevention-resources NGO using a custom framework and API — before Drupal and WordPress were mainstream options for custom content sites.

PROFILE – TRAVIS DETERT

Software Application Developer Palko Interactive Sep 2009 – Jun 2010

- Built a custom backend for an internal navigation (wayfinding) application deployed in hospitals and airports, using a custom framework and API.
- Developed the backend platform to manage routes and advertising/notification options on touchscreen TV displays.

Web Application Developer GS Design 2004 – 2009

- Built custom web applications using early iterations of a self-developed framework, at a time when there were very few viable content management system options.
- Created and supported LAMP and .NET web application frameworks powering sites and applications for Fortune 500 brands — including Harley-Davidson, Buell, Snap-on, Brunswick, and Mercury Marine — as well as mid-market sites such as SRAM, Zipp, and TheSportsmanChannel.com.

Underwriting Director WMSE Radio 1997 – 2001
Station

- Managed underwriting and wrote and produced underwriting spots for clients.
- Built the station's first computerized database for membership drives — a full eCommerce system.

EDUCATION

Milwaukee School of Bachelor, International 2004
Engineering Business and Information Systems

Technische Hochschule Lübeck Diplom, 2001
Wirtschaftsingenieurwesen