



CAREER PORTFOLIO

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A CAREER BUILT ON RESULTS

40+ Years of Applied Technology, Business Innovation & Creative Entrepreneurship

From satellite control systems at the Department of Defense to AI-powered publishing platforms, from banking software to a decade-long culinary enterprise — this portfolio represents a career defined by one consistent principle: **build things that work and make them matter.**

40+

Years of Experience

30+

Software Applications Built

~40

Published Books & Works

10+

Years in Culinary Entrepreneurship

— Colorado Springs, Colorado · March 2026 —

CHAPTER I: AI STRATEGY & DIGITAL VENTURES

2024 – Present · Colorado Springs, Colorado

Following a decade in the culinary world, Robert returned to his technology roots with an ambitious pivot into artificial intelligence and digital platform development. Leveraging his breadth of experience in software architecture, business operations, and storytelling, he launched multiple AI-enabled ventures simultaneously.

LifeCapsule AI — Legacy Preservation Platform

Client: LifeCapsule AI | **Type:** AI-Powered Personal History & Story Preservation | **Platform:** AI-Assisted Development / Web Application

Platform designed to help individuals and families capture, preserve, and share life stories using AI. Combines narrative prompting, structured interviewing, and digital output to create lasting personal legacies.

DigitalInkAI — AI Writing & Content Creation Platform

Client: DigitalInkAI.com | **Type:** AI-Powered Writing Tool for Authors & Publishers | **Platform:** AI-Assisted Development / Web Application

Creator platform built to support writers, authors, and content creators with AI-powered tools for drafting, editing, structuring, and publishing content. Reflects Robert's dual expertise as both a technologist and a prolific author of nearly 30 books.

NewAudia — Consumption-Based Audiobook Platform

Client: NewAudia.com | **Type:** Interactive Audiobook Delivery & Publishing System | **Platform:** AI-Assisted Development / Web Application

Co-founded innovative audiobook platform challenging traditional subscription models with consumption-based pricing. Designed to serve authors, publishers, and listeners with a more equitable content economy.

Author & Publishing Platform — 30 Published Works

Client: Use What You Got Publishing | **Type:** Publishing Operations, Content Creation & Product Development | **Platform:** Multiple Platforms / AI-Assisted Workflows

Operated an independent publishing imprint under which nearly 30 books have been authored and published, including titles in AI strategy (Aligned Intelligence, The Gilded CAiGE, Artificial Intelligence Survival Guide series), entrepreneurship, culture, and business innovation. Publishing activity runs in parallel with platform development.

CHAPTER II: DEFENSE & GOVERNMENT SYSTEMS

2006 – 2011 · Colorado Springs, Colorado

For five years, Robert served as a key software engineer and systems architect supporting the Air Force Satellite Control Network (AFSCN) — one of the most operationally critical defense technology environments in the nation. Holding a DoD Secret clearance, he designed and built systems used to manage satellite configurations for tracking stations around the globe.

Electronic IRON Database Change Request System (eIDCR) – Phase II

Client: Honeywell Technology Solutions / AFSCN | **Type:** Web-Enabled Satellite Configuration Management, Tracking & Reporting | **Platform:** C# / Microsoft Visual Studio / Oracle 10g

Web-enabled application providing access to a centralized satellite configuration database on a DoD secure network. Used by satellite vehicle owners throughout the AFSCN to modify commanding and telemetry settings at tracking stations around the globe.

Electronic IRON Database Change Request System (eIDCR) – Phase I

Client: L-3 Communications / AFSCN | **Type:** Web-Enabled Satellite Configuration Management System | **Platform:** C# / Microsoft Visual Studio

Next-generation redesign of the IRON tracking application. Enhanced security features and added business rule logic providing a level of embedded intelligence to online configuration forms. Robert served as Lead Project Engineer throughout analysis and Phase I prototype.

SCNC IRON Tracking and Reporting System (SITRS)

Client: L-3 Communications / AFSCN | **Type:** Satellite Configuration Management, Tracking & Reporting | **Platform:** Microsoft Access 2003

Centralized database application used inter-departmentally by IRON support personnel. Allowed users to enter IRON configuration data submitted via Database Change Requests, with configuration management, error checking, and duplicate entry prevention. Produced production-quality CDRL reports.

Risk Management System (RMS)

Client: L-3 Communications / AFSCN | **Type:** Project Risk Management & Reporting | **Platform:** Microsoft Access 2007

Client/server application providing automated tracking of all risks managed by the SCNC Risk Management department. Included mitigation and contingency planning, metrics gathering, parameterized ad-hoc reports, and real-time status.

Weekly Activity Report System (WAR)

Client: L-3 Communications / AFSCN | **Type:** Automated Weekly Activity Reporting Tool | **Platform:** Microsoft Access 2003/2007

Enabled Systems Engineers to enter Weekly Activity Reports with management receiving real-time status of all projects. Included automated generation of Microsoft PowerPoint presentations using Office automation.

Weekly Status Report System (WSR)

Client: L-3 Communications / AFSCN | **Type:** Automated Weekly Status Reporting Tool | **Platform:** Microsoft Access 2003/2007

Provided Project Engineers the ability to enter weekly status reports with automated real-time management dashboards across all SCNC software department projects. Included MS Excel export and programmed email capabilities.

Software Change Request Form Estimator (CRF-E)

Client: L-3 Communications / AFSCN | **Type:** Automated CRF Project Development Estimation Tool | **Platform:** Microsoft Access 2003

Enabled Project Managers to enter basic project parameters and generate accurate hour estimates including factors for project management, documentation, training, testing, and implementation. Supported with tabular and graphical reports.

CHAPTER III: BUSINESS CONSULTING & MIGRATION PROJECTS

2011 – 2013 · Colorado Springs, Colorado

Legacy Access Application Migration — 93 Applications

Client: Compassion International (via TekSystems) | **Type:** Multi-System Platform Migration (Windows XP → Windows 7) | **Platform:** Microsoft Access 2007–2010 / SQL Server 2008

Provided software engineering support to ensure reliable migration of 93 existing Microsoft Access database applications. Converted approximately 50% from Microsoft Access (Jet) database engine to SQL Server tables. Analyzed and modified VBA code throughout to optimize performance and cross-platform transparency.

Agilent ASND Parts Management Tool

Client: Agilent Technologies (via TekSystems) | **Type:** Parts Management & Procurement System Migration | **Platform:** Microsoft Access 2007 / SQL Server 2005–2008

Performed complete data migration from Access 2007 to SQL Server RDBMS for a mission-critical Parts Management and Procurement application. Created migration scripts using SQL Server Migration Assistant, developed data validation tools, created Stored Procedures, Views, and Cursors to replace Access action queries.

Weiser Security Productivity Tracking System

Client: Weiser Security Services (Contract) | **Type:** Productivity & Contact Management System | **Platform:** Microsoft Access 2003 / Terminal Services

Centralized database accessed company-wide via Terminal Services. Allowed Sales Representatives nationwide to enter Client Information Records, book Service Orders, and automatically generate Weekly Production Reports. Included user-level security for Branch, Regional, and Corporate Manager access tiers.

CHAPTER IV: BANKING & FINANCIAL SERVICES

1998 – 2002 · New Orleans, Louisiana

As Senior Application Developer at Whitney National Bank, Robert became the bank-wide authority on Microsoft Access application development, building over a dozen mission-critical systems used across departments from Legal to Trust Management to Commercial Lending.

WNB Acquisition Bank Conversion System

Client: Whitney National Bank | **Type:** Bank Conversion Information Management | **Platform:** *Microsoft Access 97 / VBA / SQL Server 7.0*

Automated due diligence process for facilitating new bank acquisitions. Managed all conversion activity including main office, branches, contracts, invoicing, and billing. Produced automated conversion questionnaires delivered via email to conversion team members.

WNB Legal Administration Works (WNB-LAW)

Client: Whitney National Bank | **Type:** Interactive Legal Services Management System | **Platform:** *Microsoft Access 97 / VBA / SQL Server*

Required merger of 24 different Q&A databases into one interactive multi-user application. Complete case management for the entire Legal Department — over 300 reports managing activities for more than 29,000 clients.

WNB Commercial Loan Pricing System (WNB-CLPM)

Client: Whitney National Bank | **Type:** Interactive Loan Rate Calculator & Proposal System | **Platform:** *Microsoft Access 97 / VBA / SQL Server 7.0*

Based on a managed cost-of-money data matrix, provided Loan Officers throughout the bank the ability to offer optimized loan rates. Used a combination of system code and interactive queries to determine the best possible rate based on each customer's financial relationship with the bank.

WNB Trust Management System (WNB-TMS)

Client: Whitney National Bank | **Type:** Membership Management & Asset Tracking | **Platform:** *Microsoft Access 97 / VBA / SQL Server 6.5*

Maintained a database of Trust members from birth to age 18. Recorded all deposits, withdrawals, and maintenance costs. Tracked purchases and sales of federally secured bonds used to generate trust fund revenue.

WNB NSF/OD Tracking System

Client: Whitney National Bank | **Type:** Statistical Analysis & Reporting System | **Platform:** *Microsoft Access 97 / VBA / SQL Server 7.0*

Obtained data from corporate mainframe downloads to record NSF/OD activity by Bank Officer. Performed calculations by bank branch and state. Produced historical tracking reports for management across officer, branch, location, and group dimensions.

CHAPTER V: SOCIAL SERVICES & NONPROFIT TECHNOLOGY

2003 – 2005 · New Orleans, Louisiana

S.M.I.L.E. Case Notes Application

Client: Catholic Charities Archdiocese of New Orleans | **Type:** Productivity Reporting & Case Management | **Platform:** *Microsoft Access 2000*

Allowed operators at S.M.I.L.E. Service Sites to track services provided to clients and record associated Case Notes. Included monthly and semi-annual reporting to HUD. Data downloaded via email to administrative office for centralized processing and review.

Daycare Attendance & Meal Tracking System

Client: Catholic Charities Archdiocese of New Orleans | **Type:** Productivity Reporting & Analysis |
Platform: Microsoft Access 97/2000

Allowed operators at CCANO daycare programs to track daily attendance and monitor meal service activity. Provided monthly service totals reporting with email-based data transfer to the administrative office for centralized processing.

IT Department Help Desk Application

Client: Catholic Charities Archdiocese of New Orleans | **Type:** Support Services & Management |
Platform: Microsoft Access 2000

Comprehensive Help Desk application providing case-based tracking of user-initiated service requests. Tracked all users, PCs, service requests, and trouble tickets, allowing IT staff to respond by priority. Summary reports categorized by Priority, Technician, Department, and Program.

CHAPTER VI: CULINARY ENTREPRENEURSHIP

2010 – 2024 · Colorado Springs, Colorado

For fourteen years, Robert channeled his entrepreneurial spirit into the culinary world — building two food service ventures from the ground up, and sustaining a beloved local brand for over a decade. Even here, technology played a role: he built custom business software to manage operations, bookings, and inventory from day one.

Private Home Chef Service Center

Client: U.W.Y.G., LLC (The House Chef) | **Type:** Order Entry, Booking & Inventory Control Application |
Platform: Microsoft Office Access 2010

Developed freestanding application to track contact information and process booking orders for in-home dinner services. Modules included Inventory Stocking, Menu & Recipe Management, Order Entry, Booking & Confirmation. Interactive communication with Microsoft Outlook facilitated direct email to client accounts. Full reporting modules supported management summary data.

Restaurant Operations — 10+ Year Run

Client: Momma Pearl's Cajun Kitchen | **Type:** Small Business Operations, Brand Development & Culinary Leadership | **Platform:** Full Business Operations

Founded and operated a successful Cajun restaurant for more than a decade as "Chef BB." Oversaw all operations, staffing, vendor relations, menu development, budgeting, marketing, and customer experience. Built a recognizable local brand and maintained long-term operational continuity through changing market conditions.

CHAPTER VII: EARLY CAREER & FOUNDATIONAL WORK

1990 – 1998 · New Orleans, Louisiana

Robert's technology career began in the early 1990s in New Orleans, where he built custom database applications for clients ranging from the City of New Orleans to Mardi Gras organizations, law firms, and event companies — establishing the pattern of practical, business-first software development that would define his career.

Virtual Events — Event Production Management System

Client: Mardi Gras Productions (Employer) | **Type:** Inventory Management & Order Processing | **Platform:** Microsoft Access 95/97 / SQL Server

Fully automated production software package managing customer, vendor, and site information. Built event decoration orders from existing inventory, incorporated photographic data, produced proposals, contracts, POs, and supporting forms. Also managed network administration, hardware maintenance, and the company website and promotional video production.

Bacchus Beads — Mardi Gras Novelty Sales System

Client: Krewe of Bacchus (Contract) | **Type:** Mardi Gras Bead & Novelty Sales Order Processing | **Platform:** Microsoft Access 2003

Centralized database of Float Riders and Membership information. Tracked Inventory and Sales Orders of Mardi Gras novelty items. Orders entered directly or via custom import utility from Internet Merchant site. Reports included Inventory Pick Sheets for warehouse distribution and summary sales statistics.

Virtual New Orleans — Interactive Web Platform

Client: CitiNET, Inc. (Virtual New Orleans) | **Type:** Virtual Reality Web Experience & Custom Client Sites | **Platform:** Custom Web / Database

Developed and managed New Orleans' first fully interactive virtual reality website featuring links to restaurants, hotels, and attractions. Also developed custom websites and database applications for clients including the Downtown Development District, De La Salle High School, Christian Brothers, and the Krewe of Bacchus.

Canal Street Development Review & Waste Study

Client: Downtown Development District / City of New Orleans (Contract) | **Type:** Statistical Analysis & Reporting | **Platform:** Microsoft Access 95

Two data-gathering applications used for feasibility and statistical analysis. One assessed profit potential for developing upper-floor spaces in Canal Street buildings; the other tracked waste and trash accumulation patterns throughout the city. Both featured comprehensive graphs for stakeholder presentations.

Class Action Tracking System

Client: Lemmon Law Firm / NewOrleansIT.com (Contract) | **Type:** Client Tracking & Reporting | **Platform:** Microsoft Access 2000

Centralized database of Clients/Plaintiffs, Companies/Defendants, and Class Actions. Fully relational data supported by itemized and summary reports including Clients By Class Action, Clients By Company, and sorted Client Information Directory.

What Connects It All

Whether designing satellite control systems for the Department of Defense, building a restaurant brand from nothing, or launching AI platforms that help people preserve their life stories — the thread running through every chapter of this career is the same: a relentless drive to identify a problem, engineer a solution, and execute it with craft and conviction.

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