

Anthony Michael Mayes

Enterprise AI Solutions Consultant | Senior Solutions Architect | Technology Strategy & Intelligent Automation

Southern California • anthonymayes.com • linkedin.com/in/anthonymmayes • anthonymmayes@gmail.com

EXECUTIVE SUMMARY

Senior technology consultant and solutions architect with more than 10 years of experience and a proven track record using technology, analytics, and automation to help organizations achieve measurable business outcomes. Experienced translating business objectives into scalable technical solutions spanning solution architecture, cloud infrastructure, databases, APIs, and reporting platforms.

In recent years, hands-on experience evaluating and implementing AI-assisted engineering workflows using enterprise coding assistants, large language models (LLMs), OCR technologies, and workflow automation to improve developer productivity and accelerate business delivery. Focused on helping organizations adopt emerging technologies responsibly while maintaining governance, security, and measurable business value.

Recognized for bridging executive objectives with technical implementation by partnering with business stakeholders, engineering teams, and operational leadership to design scalable systems, improve decision-making through analytics, reduce manual effort through automation, and deliver practical technology solutions that support long-term organizational growth.

EXECUTIVE HIGHLIGHTS

- Designed enterprise technology solutions integrating SQL Server, REST APIs, Linux infrastructure, cloud hosting, automation, and reporting.
- Evaluated AI-assisted engineering platforms including Claude Code, GitHub Copilot, Cursor, Google Gemini, and other emerging developer tools.
- Translated complex business requirements into scalable technical solutions across multiple industries.
- Supported executive decision-making through business intelligence, KPI reporting, operational analytics, and data-driven insights.

CORE COMPETENCIES

Enterprise AI Strategy

Enterprise AI adoption · AI-assisted engineering · LLM integration · AI governance awareness · AI workflow design · Technology evaluation

Solution Architecture

Application architecture · REST APIs · Cloud hosting · Database design · Security hardening · Monitoring and logging

Intelligent Automation

OCR automation · Workflow automation · Payment verification · Reporting automation · Process improvement

Business Intelligence

Executive dashboards · KPI reporting · SQL reporting · ETL · Operational analytics · Forecasting

Developer Productivity

Claude Code · GitHub Copilot · Cursor · Gemini · AI code generation · Documentation generation

Technical Consulting

Requirements gathering · Stakeholder communication · Technical documentation · Implementation planning · Solution design

Platforms evaluated: Claude Code, GitHub Copilot, Cursor, Google Gemini (hands-on); Amazon Q Developer, Windsurf, Devin (working knowledge).

SOLUTION ARCHITECTURE & AI PROJECTS

AI-Powered Golf Management Platform

Designed and developed a cloud-hosted golf management platform integrating AI-assisted development, OCR-based scorecard ingestion, SQL Server architecture, REST APIs, mobile-first workflows, event management, payment reconciliation concepts, and administrative reporting.

- Designed scalable application architecture supporting tournament management, player administration, mobile-first interfaces, reporting, and payment workflows.
- Architected SQL Server database structures supporting operational reporting and event management.
- Integrated OCR-based scorecard ingestion to automate score extraction and reduce manual data entry.
- Designed payment reconciliation concepts and administrative dashboards to streamline event operations.

Business value: Reduces manual administrative effort, improves data accuracy, accelerates tournament operations, and creates a scalable foundation for golf club management.

Intelligent Payment Verification

Designed AI-assisted payment verification workflows combining email classification concepts, OCR extraction, business rules, and database-driven event reconciliation — improving payment visibility and reducing manual reconciliation effort.

AI-Assisted Developer Workflow

Implemented AI-assisted engineering workflows using coding assistants and large language models for architecture planning, code generation, SQL optimization, and documentation — accelerating delivery and improving consistency without sacrificing quality or security.

Cloud Infrastructure & Application Hosting

Built and manages Ubuntu-based cloud infrastructure (Apache, SSL/TLS, server hardening, cron automation, logging, monitoring, backups) providing a reliable foundation for custom applications, automation, and AI-enabled workflows.

PROFESSIONAL EXPERIENCE

Amayescinc Solutions

Founder | Technology Consultant | Solutions Architect — 2020 – Present

Provides technology consulting and solution architecture services focused on custom application development, intelligent automation, AI-enabled workflows, cloud infrastructure, and business automation.

- Designed and developed custom business applications supporting operational efficiency and business growth.
- Architected scalable database-driven systems utilizing SQL Server, PHP, JavaScript, HTML, CSS, and REST APIs.
- Designed cloud-hosted infrastructure utilizing Linux, Apache, secure authentication, logging, monitoring, and automation.
- Evaluated and implemented AI-assisted development workflows that improve planning, documentation, development speed, and software quality.
- Designed intelligent business workflows utilizing OCR technologies, API integrations, reporting, and automation.
- Advised on technology strategy, solution architecture, and practical adoption of emerging AI technologies.

Heartland School Solutions

Account Specialist | Enterprise Solutions, Data & Reporting — 2024 – Present

Supports enterprise software solutions for K–12 organizations through reporting, analytics, SQL development, data integration, and implementation consulting.

- Translates customer requirements into scalable reporting and technical solutions.
- Designs SQL reporting and ETL processes supporting procurement, inventory, financial operations, and executive reporting.
- Improves reporting accuracy through data validation, integration, and process optimization.
- Partners with stakeholders to deliver technology solutions aligned with organizational objectives.
- Supports enterprise application adoption and ongoing operational success.

Eureka Multimedia Group, Inc.

Business Intelligence Analyst | Analytics & Executive Reporting — 2021 – 2024

Designed business intelligence solutions supporting executive leadership through KPI dashboards, reporting frameworks, operational analytics, and SQL development.

- Designed executive dashboards supporting strategic decision-making.
- Built reporting frameworks measuring operational and financial performance.
- Automated reporting workflows, improving efficiency and data accuracy.
- Delivered business insights through SQL development, analytics, forecasting, and trend analysis.
- Supported executive leadership with reliable operational reporting.

Interactive Technologies, Inc.

Marketing Support Specialist | Digital Operations & Analytics — 2018 – 2020

Supported digital marketing operations through reporting, website management, customer communication, campaign analytics, and operational workflow improvements.

TECHNOLOGY ECOSYSTEM

AI & Engineering

Claude Code · GitHub Copilot · Cursor · Google Gemini · Amazon Q Developer · Anthropic APIs · OpenAI APIs · Prompt Engineering · LLM Workflow Design · Google Vision OCR

Development

PHP · JavaScript · HTML5 · CSS3 · REST APIs · JSON · MVC Architecture · OAuth · SMTP · Custom Frameworks

Data & Analytics

SQL Server · T-SQL · MySQL · ETL · Data Modeling · KPI Reporting · Executive Dashboards · Operational Analytics · Forecasting

Cloud & Infrastructure

Ubuntu Linux · Apache · DigitalOcean · SSL/TLS · SSH · Cron Automation · Monitoring & Logging · Dev/Test/Prod

Consulting

Requirements Gathering · Stakeholder Communication · Technical Documentation · Implementation Planning · Solution Design · Adoption Support

EXECUTIVE PHILOSOPHY

Technology creates lasting value when it improves how organizations operate — not simply by introducing new tools, but by enabling better decisions, more effective collaboration, and scalable business outcomes.

Every engagement should balance long-term architectural thinking with practical implementation, helping organizations confidently adopt modern technologies while maintaining security, governance, and operational excellence.

Artificial intelligence should enhance human capability rather than replace it. The greatest value comes from combining AI-assisted engineering with experienced technical leadership, sound architecture, and thoughtful business strategy.