

RYAN BROWN

AI Engineering & Solutions Architect | Transformation, Governance & Enablement

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PROFESSIONAL SUMMARY

Solutions Architect and AI engineering leader with 9+ years of experience helping organizations move from emerging-technology pilots to repeatable delivery. Work spans organizational transformation, AI strategy and governance, enablement, AI infrastructure, MLOps, and hands-on implementation. Connects business priorities to practical architecture by assessing where a team is today, defining the next workable step, putting the right operating model and controls around it, and building enough of the solution to prove it works.

LEADERSHIP & DELIVERY FOCUS

TRANSFORMATION Assess current-state processes and delivery friction; redesign workflows, roles, and operating models around achievable business outcomes.	GOVERNANCE Turn business goals, risk, and maturity into a practical AI roadmap with clear decision rights, architecture standards, lifecycle controls, and measures of value.
ENABLEMENT Build communities of practice, champion networks, training, shared patterns, and feedback loops so adoption grows beyond a small technical team.	IMPLEMENTATION Architect and deliver AI platforms, gateways, applications, and automation from prototype through production, with testing, observability, and human review.

PROFESSIONAL EXPERIENCE

Solutions Architect

Sep 2022 - Present

Cyclotron | San Francisco, CA

- Lead architecture and technical delivery for enterprise engagements, translating business needs into cloud, application, automation, and AI solutions and staying involved from discovery and design through implementation, validation, and handoff.
- Help organizations turn AI interest into a workable transformation plan by assessing current processes, technical readiness, and delivery constraints; define target-state capabilities, near-term priorities, and operating changes teams can realistically adopt.
- Shape AI governance around how the business actually works: clarify ownership and decision rights, define architecture and delivery standards, introduce risk-appropriate review gates, and connect controls to adoption goals instead of treating governance as a separate compliance exercise.
- Design AI platform and gateway patterns using Microsoft Foundry (Azure AI Foundry), Azure API Management, Microsoft Entra, private networking, model and tool routing, policy enforcement, usage controls, and telemetry to provide governed access to models, agents, and tools.
- Establish MLOps and AI operations practices across environments, including evaluation suites, CI/CD, release gates, observability, failure-mode triage, and controlled promotion from pilot to production.
- Develop AI-assisted engineering workflows with Claude Code, GitHub Copilot, and Cursor, using repository context, reusable instructions and skills, test automation, and human review across requirements breakdown, implementation, documentation, and quality checks.
- Build enablement around the technology by investing in communities of practice and champion networks, sharing working patterns and reusable assets, and using feedback from engineers and business users to improve guidance, training, and adoption.
- Partner with sales, project management, engineering, and delivery leaders on pre-sales, scoping, estimation, staffing, backlog refinement, issue triage, and execution; turn lessons from client work into reusable internal methods and project starting points.

PROFESSIONAL EXPERIENCE (CONTINUED)

Senior Software Engineer

Sep 2020 - Sep 2022

Procentrix | Herndon, VA

- Translated user needs into solution designs while balancing feasibility, cost, schedule, and technical constraints.
- Worked with project management and engineering leadership to improve internal delivery processes and the product stack.
- Led technical conversations with customers, surfaced delivery risks, and adapted software as business requirements changed.

TECHNICAL EXPERTISE

AI Platforms & Agents: Microsoft Foundry (Azure AI Foundry), Azure AI Search, Microsoft 365 Copilot, Copilot Studio, agent orchestration, MCP integration, and enterprise AI patterns.

AI Infrastructure & MLOps: AI gateways, Azure API Management, Microsoft Entra, private networking, model/tool routing, policy enforcement, quotas and rate limits, evaluation pipelines, CI/CD, observability, deployment promotion, and lifecycle controls.

AI-Assisted Engineering: Claude Code, GitHub Copilot, Cursor, repository-level context and instructions, reusable AI skills, agentic development workflows, automated testing, and human review.

Microsoft Cloud & Applications: Power Platform (Dataverse, Power Automate, Power Apps, Power Pages, Power BI, PCF), Azure SQL, App Service, Function Apps, Logic Apps, Storage, Service Bus, and Microsoft 365.

Software Engineering: .NET, Node.js, Python, React, JavaScript, REST/API development, SQL Server, MongoDB, testing, validation, and technical documentation.

Transformation & Delivery: Current-state assessment, AI roadmaps, operating models, governance, community and champion programs, pre-sales, requirements, scoping, estimation, backlog refinement, issue triage, and delivery collaboration.

EARLIER ENGINEERING EXPERIENCE

Software Engineer

Sep 2019 - Sep 2020

Power Objects | Redmond, WA

- Worked directly with users, managers, vendors, and technical teams to understand business needs and design appropriate solutions.
- Led team coordination and training, unblocking delivery and sharing repeatable development and testing practices.
- Designed, built, tested, and documented software solutions; adapted designs as better tools and approaches became available.

Senior Associate - Software Engineer

Sep 2017 - Sep 2019

Infosys | Redmond, WA

- Analyzed software behavior and configuration to diagnose defects, clarify program intent, and recommend changes with engineering and management stakeholders.
- Designed test plans and validation procedures, documented defects in formal tracking systems, and partnered with developers through resolution.

EDUCATION

Bachelor of Science (B.S.) in Computer Science

May 2017

Georgia Southern University | Statesboro, GA