**JARETT DUKER**

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U.S. Air Force veteran and Application Engineering Manager with over 10 years of experience in application development and team leadership. Proven expertise in managing and mentoring engineering teams, driving project success, and enhancing software development lifecycles with innovative solutions. Skilled in .NET, SQL Server, and cloud-based technologies, with a strong track record in developing scalable software solutions and implementing best practices to improve application quality and efficiency.

**Certifications**

Project Management Professional (PMP), Project Management Institute – April 2023  
Certified Scrum Product Ownership (CSPO), Scrum Alliance – June 2023

Certified Six Sigma Green Belt (CSSGB), Agile Academy – June 2023

MS Azure Solutions Architect Expert – Expected Aug 2025

**Professional Experience**

ADMINISTRATIVE OFFICE OF THE COURTS, Frankfort KY

**Application Development Officer** 08/23 – 08/25

Program manager for 280+ bespoke applications vital to Kentucky’s Court of Justice, managing 57 senior developers across 8 agile teams. Required to think strategically, foster clear communication across technical and judicial stakeholders, and track progress through agile metrics and governance frameworks to ensure delivery of modernization goals.

* Led quarterly and annual performance reviews; implemented a sprint-based governance model using a scorecard across 5 axes, reviewed by team leads across 8 agile teams to track and elevate developer performance.
* Defined and enforced departmental policies and procedures, including workflow reengineering, release management protocols, and strict code quality standards to improve delivery consistency and maintainability.
* Managed software requirements across cross-functional teams, using excellent written and verbal communication to align stakeholders, document use cases, and ensure delivery from discovery through execution.
* Provided project leadership on $37 million modernization initiative to transition core applications—including the eFiling and Court Case Management systems—to a commercial off-the-shelf (COTS) solution from Tyler Technologies.
* Rearchitected the KYeCourts system and developed 87 new applications, databases, and services to support the COTS solution.
* Fostered executive and stakeholder engagement via daily standups, steering committee briefs, and weekly agile reporting.
* Built governance frameworks to manage project risks, develop risk mitigation strategies, ensure accountability, and drive progress across internal teams and vendor partnerships.
* Drove developer productivity gains by embedding AI-enabled workflows and agile practices into SDLC modernization initiatives.
* Led CI/CD implementation with Azure DevOps pipelines to accelerate secure, production-grade deployments.
* Established tooling—including Playwright, GitHub Actions, code coverage tracking—to support AI-assisted quality assurance.
* Modernized engineering workflows with AI integrations, Azure DevOps and GitHub, driving GitOps, YAML pipelines, and integrated backlog management.
* Led ITIL-aligned change management under PMO governance, tracking environment deltas, issuing change notices, and delivering weekly release reports for cross-team and leadership alignment.
* Organized process improvement through Agile workflow rearchitecture, increasing story velocity by 30% and reducing cycle time by 40% across delivery teams.
* Drafted and enforced unit testing and code coverage standards for production deployment; achieved 100% coverage on new development and reduced production issues by 30% across legacy and greenfield systems.

BRICK BRIDGE CONSULTING, Louisville, KY

*IT Development & Operational Management Consulting Start-up.*

**Partner & Product Manager** 12/16-05/23

Partnered with platform engineering teams to design scalable SaaS and ERP tools leveraging AI, APIs, and microservices. Lead customer discovery, ideation, and agile software development. Manage seven bespoke projects at Brick Bridge Consulting, mentoring technical talent and scaling the team to 17 developers while delivering customized, user-driven solutions with training and support.

* Partnered with sales in pre-sales engagements to showcase product capabilities; led discovery sessions, crafted mockups, and delivered live demos of prototypes and MVPs to drive client buy-in.
* Owned the product design process from end-to-end beginning with requirement discovery through product launch. Drafted low-fidelity wireframes and database schemas.
* Voice of the Customer and lead weekly product demonstration meetings with key stakeholders to collect feedback and iterate on the strategic product roadmap.
* Collaborated with multiple cross-functional teams including backend, UI/UX, Marketing Documentation. Owned and prioritized the product backlog and led scrum ceremonies.
* Architected cloud-native APIs on AWS for secure platform integration, with containerized services and automated scaling.
* Championed customer feedback loops and stakeholder alignment to iteratively evolve roadmap and accelerate product-market fit.

NAVIGATE ENTERPRISE CENTER, Louisville, KY

*Non-Profit organization focused on entrepreneurship as a pathway to financial stability.*

**Director** 09/15-09/17

Acted as program manager, strategist, and lead fundraiser.

* Raised $1.2M over two years through grant funding to support operations and an excess of 170 clients seeking support in launching, expanding, or recovering a small business.
* Raised a $500K direct micro-loan portfolio to provide capital to start-up Louisville micro-enterprises. Managed loan servicing, collections, and technical assistance.

**Skills Inventory**

.NET, SQL Server, Team Leadership, Project Management, Application Development, Cloud-Based Technologies, Agile Methodologies, Stakeholder Engagement, Performance Reviews, Mentoring, Cross-Functional Collaboration, Process Improvement, Unit Testing, SAAS Infrastructure, Technical Strategy, Frontend Development (Razor/Blazor, React), Backend Development (.Net, SQL Server, Node.js, Python)

**Education**

UNIVERSITY OF LOUISVILLE, Louisville, KY

**MASTER OF BUSINESS ADMINISTRATION, ENTREPRENEURSHIP** 2015

HILLSDALE COLLEGE. Hillsdale, MI

**BACHELOR OF ARTS, BUSINESS HISTORY ECONOMICS** 2011