

# Matt Collins

## Senior/Lead AI Software Engineer

Queen Creek, AZ

<https://www.linkedin.com/in/mattcollinsdev>

[MCOLLINS2618@GMAIL.COM](mailto:MCOLLINS2618@GMAIL.COM)

## Summary

Passionate Software Engineer with over 9 years of experience facilitating cutting-edge engineering solutions for a wide range of large scale, distributed enterprise applications. Proven track record in leading cross-functional engineering teams, driving modernization projects and delivering solutions on time and within budget.

## Skills

**Languages** - C#, Typescript, Javascript, Python, Powershell, Bash, SQL, HTML, CSS

**Developer Tools** - AWS, Copilot, Azure, Veracode, DataDog, LaunchDarkly, CodeSentry, Git, PostgreSQL

**Frameworks** - .NET, Angular, Wallaby.JS, NestJS, Azure AI, MVC, Apache Kafka, TIBCO, Elastic, Terraform, NodeJS

**Software** - VSCode, Visual Studio, Jira, Confluence, Figma, Notion, Miro, Lucid, Bruno, Teams, Slack, Fiddler

## Experience

May 2020 - Present

**First American** - Lead Software Engineer / Senior Software Engineer II / AI Developer

- Led multiple engineering teams focused on key revenue generating applications at First American (Ignite, Verse, Transaction Portal).
- Contributed and maintained Node API's written with NestJS for multiple business critical components including Users, User Secrets and Token Exchange Service with PostgreSQL data store.
- Trained Azure AI models using advanced Prompt Engineering techniques to enhance document data extraction.
- Created custom node/Python MCP (Model Context Protocol) servers with custom tools utilizing generative AI to automate internal Tasks and workflows.
- Launched Micro Front-End (MFE) Angular architecture, reducing project scale and improving 'Design to Production' lead time.
- Key contributor to multiple business-critical AWS Cloud applications.
- Implemented and optimized messaging workflows using TIBCO and Apache Kafka allowing for fault tolerance, real-time data streaming to and from legacy applications.
- Designed secure document store to scan, encrypt, and store NPI transaction document data using AWS S3 and Presigned URL technology.
- Integrated CNAPP tools such as Prisma Cloud and Veracode to automate system reviews, keeping up to date with InfoSec standards and regulations and improving application resiliency.
- Implemented Pilot CDK tool for AWS Microservice deployments, improving deployment time.
- Adhered to Test Driven Development (TDD) practices, improving code quality and early issue detection.

- Supervised daily operations, ensuring adherence to company standards, coding best practices, and compliance with internal policies to maintain efficiency and quality in software delivery.

January 2019 - April 2020

#### **Jondo Global / CanvasPeople.com, Yorba Linda CA - Senior Software Engineer**

- Assisted in architecture, analysis, design, coding, testing, and deployment of CanvasPeople domestic and international e-commerce global-platforms reaching 1M weekly users.
- Maintained and improved Azure Dev-Ops Build/PR Gatekeeper & Release pipelines.
- Introduced code quality checks integrating Coverlet .NET Code-Coverage metrics into CI/CD pipelines.
- Deployed AWS Elastic Beanstalk environments for all Dev/QA/Staging and Production environments.
- Maintained multi-terabyte AWS S3 Buckets for all CanvasPeople customer uploaded media.
- Led UI/UX panel which researched, located, and fixed open bug bounties using LogRocket, saving tens of thousands of dollars.

August 2017 - January 2019

#### **FieldConnect, Irvine CA - Full-Stack Software Developer**

- Created enterprise level field technician software using ASP.NET / .NET Core / C# /
- AngularJS / WebAPI / JavaScript / CSS3 / HTML5 / SQL.
- Architected cutting edge PWA (Progressive Web App) "Offline First" modules using Service-workers and browser caching with IndexedDB.
- Led transition to Azure App Services: Modernizing the FCO infrastructure to the Azure cloud and utilizing Microsoft Common Data Service to allow for seamless ERP and CRM integrations.

March 2016 - May 2017

#### **Cloverleaf Media, Irvine CA - Full-Stack Software Developer**

- Key contributor for interactive enterprise web applications using .NET Core/Angular/SQL Server and C#.
- Designed and managed .resx translation procedures for multi-language customer use and worldwide reusability using dynamic angular translation variables.
- Managed patented QR Code module for use with proprietary store-front retail LED displays.
- Oversaw full lifecycle of software development with 100% Iteration success and on time delivery.

## **Education**

W.P. Carey School of Business

**Arizona State University, Tempe AZ - Business**

**CC Academy, Seattle WA - .NET C# / AngularJS**