

RAMYA KUMAR

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SUMMARY

- **Full stack developer** with **5+ years of experience** in **C#, .NET**, and front-end technologies such as **React** and **JavaScript**.
- Proactive in modernizing legacy systems using **Cloud Technologies** and aligning solutions with current industry standards, resulting in improved system performance, stability, and user satisfaction.
- Bridged the gap between business goals and technical execution across diverse domains including **Finance, Retail, and Consumer goods**.
- Enhanced **user interfaces** and optimized web performance, resulting in improved response rate and enhanced user satisfaction.
- Collaborative team player with excellent problem-solving and communication skills, committed to delivering quality solutions in cross-functional environments.

SKILLS

Languages & Frameworks: C#, .NET Core, ASP.NET MVC, WCF, ADO.NET, JavaScript, React, SSRS Reports

Database Management: MS SQL Server, Entity Framework, Elasticsearch

Cloud & DevOps: AWS (EC2, S3, Lambda, RDS, SNS), Jenkins, Octopus

AI Developer Tools & Agents: GitHub Copilot 4.1, AWS Q Developer, Claude AI Agent

Tools: Splunk, Datadog, Version Control (Git, Bitbucket), Confluence, Jira

Other: GraphQL, REST APIs, SOAP/XML, Microservices, SAML 2.0, Agile (SAFe)

EXPERIENCE

Mark Anthony Group - Software Developer  **Mark Anthony Group** **April 2025 – Present**

- Modernization of legacy **Partner Portal, Volume Planner, and Billing** applications from on-premise to **AWS** using **.NET Core** and **Lambda**, improving performance and system reliability by 35%.
- Rebuilt billing workflows to process **\$2M+ claims**, reducing processing time by **50%** with automated invoicing and efficient **SQL** refactoring of stored procedures and database design.
- Implemented feature enhancements and resolved defects in **SSRS reports**, improving accuracy and user experience.
- Enhanced **database logging** and error handling for efficient backtracking and quick issue resolution.
- Contributed to **SAFe** Agile practices, implemented **CI/CD** pipelines, and integrated **AWS CloudWatch** and **Datadog** for proactive monitoring and system maintenance.
- Collaborated closely with product owners, QA, and business teams to align technical solutions with business goals, contributing to faster feature delivery and improved stakeholder satisfaction.

Fidelity Investments - Software Developer Fidelity

September 2021 – August 2023

- Enhanced **Vault**, a data storage repository in the eMoney application, including building ingestion pipelines within AWS.
- Migrated on premise data to AWS S3 via **DataSync**. Created **Bash script** in Linux server to extract xml data concurrently from multiple datasets within **Elasticsearch**.
- Implemented SSO integration using **SAML 2.0**, streamlining client data transfers securely to third party APIs.
- Improved data retrieval speed by optimizing stored procedures and database queries utilizing **Entity Framework** for efficient data access and management.
- Proactively debugged and resolved critical bugs, contributed to feature enhancements, and actively participated in PI planning sessions, scrum meetings following **Agile principles**.
- Optimized application deployment by automating code builds in **Jenkins**, creating packages in **Octopus**, and unit testing across environments before production release.

Walmart (Infosys) - Senior System Engineer Walmart

July 2018 - September 2021

- Developed **Connexus**, a real-time desktop application for Walmart Pharmacy, ensuring compliance with HIPAA regulations.
- Implemented multi-threaded programming in **WCF/WPF services**, reducing operational time at POS from 15–20 minutes to 2–3 minutes, significantly enhancing customer satisfaction.
- Developed **Microservices** using **.NET Core REST APIs** to expedite vaccine administration, increasing the rate to over 3 million and saving 750k in paper costs.
- Developed secure authentication mechanisms using **HashiCorp Vault** for REST API key management.
- Built **Splunk** dashboards for proactive issue detection and faster resolution.

RECENT WORK & CERTIFICATIONS

Freelance Software Developer (Fiverr | December 2023 – March 2025)

- Implemented **GraphQL** solutions to optimize data requests, improving response time by **30%**.
- Developed e-commerce solutions for inventory and order management using **ASP.NET MVC** and **JavaScript**, improving efficiency and enabling real-time data tracking.
- Designed and built custom web applications, including photography and resume portfolios.

Certifications

- AWS Certified Cloud Practitioner
- Application Development using Microservices and Serverless

EDUCATION

B.E. Computer Science and Engineering Anna University, India
MS Computer Science* University of Colorado Boulder

August 2014 - April 2018
April 2025 - Present