STEVEN GATES

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SUMMARY

Senior Software Engineer with 10+ years of experience in designing scalable systems and databases. Skilled with AWS, Azure, .NET, C#, SQL, JavaScript.

EXPERIENCE

Software Developer   Mar 2019 - Present
Associa   *Richardson, TX*

- Leading a team of 3 to architect, implement and deliver communityarchives.com (an all-in-one digital solution to manage the entire real estate process) from scratch; Launched the service in 2019 and now the service has 50,000+ users and generates a cash flow of $100+ million USD per year.
- Driving, overseeing and owning communityarchives.com's 3 main microservice-based web portals (Management, Internal and Marketplace); Creating a monorepo to store the UI codebase (**Angular, JavaScript Ant-Design**) and for easier code-reuse and scalability.
- Designing the end to end workflow and data infrastructure for the Management portal with **Angular, JavaScript, .NET, C#, GraphQL, AWS (DynamoDB, RDS, Aurora, Lambda, S3, EventBridge, API Gateway)** for 50,000+ users to check and manage their home buying/selling process (such as paperwork, permits and external contractor work); Integrating **Stripe** for payment processing and implementing a throttling and data aggregation flow to generate 15+ different types of reports (such as revenue reports and outstanding collections).
- Architecting the Internal and Marketplace web portals to handle institution-specific needs (jurisdictions, licenses) and to showcase products for 100,000+ locations across the US using Angular, .NET, C#, GraphQL, AWS and **Elasticsearch**.
- Collaborating and communicating with senior leadership to identify and drive product visions and opportunities.
- Mentoring a team of 3 to increase their technical skills in areas such as design patterns, programming best practices, debugging tools and troubleshooting.

Senior .NET Developer   Sept 2015 - Mar 2019
Halff Associates   *Dallas, TX*

- Architected and implemented an award-winning hydro monitoring and billing platform (**C#, .NET, Azure, Google Charts, JavaScript, JQuery, SQL Server**) to process hydro bills for the 2.1 million people of Tarrant County in Texas; Integrated with ESRI GIS and Quickbook to collect water usage and manage charges/payments; Won various awards across Texas counties and the 1st award ever for the company of 25k+ people.
- Designed the core server-side components for a groundwater management system used by 10 counties (population of 10 million+ people) across Texas; Developed the data storage infrastructure and **RESTful APIs** for UI dashboards, files/reports and business operations.
- Proposed, researched and implemented a website with C#, .NET Core, MVC, Web API, **Vue.js** and SQL Server for 10,000+ field technicians to track personnel movements and certain areas (such as hard to see oil wells) by simply dropping a marker on the map.
- Designed and developed a web application (C#, .NET, MVC, Bootstrap, JavaScript, SQL Server) for the 25k+ employees at Halff Associates to register and manage career-related services such as trainings, seminars and certificates.

.NET Developer   Jan 2012 - Sep 2015
Argo   *Richardson, TX*

- Re-architected Argo's core legacy banking software to ASP.NET MVC which improved UI load speeds by 300% and reduced the number of system errors by 80%.
- Designed and developed various validations and features to audit the bank loan process.

PROJECTS

Gateflix   Jan 2022 - Feb 2022

- Designed and implemented plex.tv, a local (NAS storage connected to tv and router) streaming platform (similar to Netflix) with 2000+ purchased movies and built using C#, .NET and MVC.
- Utilized IMDB to get movie ratings and Synology NAS with VLC to handle the video encoding and streaming.
- Implemented HTTPS and other certificates for more secured access.

SKILLS

Languages	C#, JavaScript, GraphQL, SQL
Databases	SQL Server, MySQL, Azure (CosmosDB), AWS (RDS, Aurora, DynamoDB)
Cloud	AWS (Lambda, EventBridge, API Gateway, S3, Elasticsearch), Azure, Datadog
Tools/Technologies	Angular, Vue.js, .NET, MVC, Web API, Bash, Shell
Systems	Windows, Linux

EDUCATION

B.B.A, Management Information Systems, Texas Tech University   2011

CERTIFICATES

- Microsoft Certified Professional (2018)
- Microsoft Certified Solutions Associate (2018)
- Microsoft Certified Solutions Developer (2018)