Ganesan S

(352) 871-3468 | ganesan.santhanam96@gmail.com | LinkedIn | Github | United States (***Ready to relocate***)

SUMMARY

- Experienced Software Engineer with **5** years of experience in developing robust, scalable services. Skilled in **C#**, **Python**, **Node.js**, **Angular**, and **AWS**. Passionate about leveraging innovative technologies to optimize internal networks and applications, consistently delivering solutions that align with business objectives and regulatory requirements.

KEY ACCOMPLISHMENTS

- Designed and developed AI-powered **microservices** for a document management system, integrating with the core SaaS product to enhance product value, resulting in a **30% increase in user engagement**

- Improved **SQL Server** performance by implementing asynchronous processing and caching in **C#**, achieving a **50%** reduction in database load and a **40%** increase in query performance.

- Led the modernization of Pharmacy Management SaaS product screens, integrating premium member feature requests to enhance user experience and satisfaction.

WORK EXPERIENCE

Maxil Technology Solutions
Software Engineer
May 2024 — Present
Oak Brook, IL

- Developed and enhanced a scalable employer dashboard using **AngularJS, MongoDB**, and integrated **Open-AI APIs**, improving user engagement by 75% through personalized content and skill-based quizzes
- Improved **SQL** query optimization and developed **C#** services, increasing the accuracy of data analysis by **50%**, impacting system performance.

BestRx Pharmacy Software
Software Engineer
Aug 2023 — Apr 2024
Oak Brook, IL

- Designed and developed an automated insurance claims system utilizing **ASP.NET Web API 2**, reducing manual claim processing by **50%** and improving claims accuracy by **35%**.
- Implemented a lookup screen for transfer request tracking using **Angular** and **SQL**, enhancing the efficiency of prescription handling by **40%**.
- Contributed to multi-threaded back-end services that increased performance and reliability of system reports by **50%**, leveraging **C#.NET** and **Windows Services**.

Autoreview.ai
Software Engineer Intern
May 2022 – Dec 2022
Gainesville, FL

- Reduced versioning errors by **50%** by creating an automated document versioning system using **Azure Blob Storage** and **.NET**, streamlining internal workflows.
- Improved audit trail accuracy by **40%** by implementing document history tracking with **.NET** and **MongoDB**, enhancing document retrieval and precision.
- Achieved a **94%** improvement in keyword extraction accuracy while ensuring regulatory compliance by developing an API using **Google Vision**, **TensorFlow R-CNN**, and **GloVe NLP**.

Infosys
Software Engineer
May 2019 – August 2019
Chennai, India

- Streamlined response times by **40%** and endpoint testing time by **50%** while improving code readability by **30%** through restructuring system architecture using **domain-driven design (DDD)** and **dependency injection** in **.NET**.
- Resolved **SQL Server** slowness by implementing asynchronous processing and caching in **.NET**, reducing database load by **50%** and improving performance by **40%**.
- Migrated over **118 SSRS** reports to **Power BI**, transferring data from **SQL Server 2005** and **Oracle** to **SQL Server 2017**, demonstrating **SQL Server Analytics** proficiency and enhancing reporting efficiency.

Technical Skills

Programming Languages: C#, Golang, JavaScript, TypeScript, JSX, Dart, Python
Frameworks: Java, React, Web API 2, Node.js, Entity Framework
Microservices & Architecture :   Microservices, Event-Driven Architecture, Extensible REST APIs
DevOps & CI-CD: AWS, GCP, Azure, Docker, Kubernetes, Github Actions, Jenkins, Terraform, Infrastructure as Code, Observability, CI/CD
Databases & Message Queues: SQL Server, MongoDB, PostgreSQL, Oracle DB, Apache Kafka, Redis, NoSQL
Other Skills: Git, Microsoft Visual Studio, Twilio, Tableau, SDLC, Data Visualization, REST, Design Patterns, Debugging, Troubleshooting, On-Call Experience

Education

University of Florida   Aug. 2021 – May 2023
Master's of Science in Computer Science   *Gainesville, Florida*