

S Ganesan

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KEY ACCOMPLISHMENTS

- **Engineered cloud-native microservices** in **.NET with C#** and **Azure tools**, incorporating Docker and Kubernetes for seamless deployment, leading to a **25% reduction in response time** and enhancing scalability.
- **Enhanced system architecture and performance** with **React JS** and **.NET**, creating user interfaces that improved **user engagement by 30%** while adhering to best practices in **design patterns and software reliability**.
- **Optimized data processing workflows** by integrating **SQL and NoSQL databases** with asynchronous processing, resulting in a **45% reduction in database load** and enhancing data integrity and query performance.

WORK EXPERIENCE

Maxil Technology Solutions

2024 – Present

Software Engineer

Oak Brook, IL

- Developed responsive **operational portals** using React JS, Node.js, and Azure services, enhancing real-time data access through **RESTful APIs and GraphQL** for increased user satisfaction.
- Improved **C** and **.NET-based microservices** by integrating **containerized solutions with Docker and Kubernetes**, resulting in improved system reliability and simplified deployment processes.

BestRx Pharmacy Software

2023 – 2024

Software Engineer

Oak Brook, IL

- Developed an **automated claims processing system** with ASP.NET, achieving a **400% efficiency boost** and aligning with compliance standards using **XML and JSON data handling**.
- Implemented a **user-friendly interface** for tracking transfer requests using **React JS**, streamlining operations and increasing task efficiency.
- Enhanced the **architecture of backend services** with a focus on **scalability and reliability**, utilizing **design patterns** and **object-oriented principles**.

Autoreview.ai

2022 – 2022

Software Engineer Intern

Gainesville, FL

- Designed an **automated document management system** with Azure Blob Storage and .NET, minimizing versioning errors and optimizing workflow efficiencies.
- Utilized **MongoDB and SQL** for document tracking, achieving a **30% improvement in data retrieval accuracy**, supporting better decision-making processes.

Infosys

2018 – 2021

Senior Software Engineer

India

- **Improved application scalability and response times** by implementing **N-tier architecture** and test-driven development (TDD) in .NET, reducing endpoint processing time by 50%.
- Streamlined data reporting by migrating **SSRS reports to Power BI** and enhancing data analysis capabilities on **SQL Server 2017**.

TECHNICAL SKILLS

Programming Languages:	C#, Java, Python, JavaScript, TypeScript
Frameworks:	.NET, React JS, Node.js, Angular, ASP.NET Web API
Containers and Orchestration:	Docker, Kubernetes
Cloud Services:	Azure, AWS, GCP
Databases & Message Queues:	SQL Server, MongoDB, PostgreSQL, Redis , Apache Kafka
Other Skills:	System Architecture, Design Patterns, Debugging, Troubleshooting

EDUCATION

University of Florida

2021 – 2023

Master's of Science in Computer Science

Gainesville, Florida