

GANESAN S

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PROFESSIONAL SUMMARY

Full Stack Software Engineer with **5+ years of experience** designing and deploying **microservices, SOA**, and workflow systems for financial and enterprise applications. Proficient in **C# .NET, Kubernetes**, and **event-driven architectures**, with a focus on scalability, compliance, and high-performance data processing.

EDUCATION

University of Florida – Master's in Computer Science

GPA: 3.61/4.00

Aug 2021 – May 2023

SRM University, India – Bachelor's in Computer Science

CGPA: 8.844/10

July 2014 – May 2018

TECHNICAL SKILLS

Programming Languages: C#, Python, SQL, JavaScript/TypeScript

Backend Development: ASP.NET Core, Entity Framework, RESTful APIs, RabbitMQ, Kafka

Cloud & DevOps: Azure (SQL, VMs), Kubernetes, Helm, Jenkins, ArgoCD, Prometheus/Grafana

Frontend Development: HTML5, CSS3, ReactJS, Redux, .NET WPF Forms

Databases & Data Tools: SQL Server, PostgreSQL, MongoDB, Redis, Docker, Splunk, Serilog

WORK EXPERIENCE

Maxil Technology Solutions | Full-Time | *Software Engineer* | Oak Brook, IL

May 2024 – Present

Product Description: Job Board for contract IT roles

- **Backend Performance Optimization:** Reduced TTFB by 30% via query caching and stored procedures on **AWS DynamoDB/RDS** using Node.js and TypeScript.
- **Event-Driven Workflows:** Containerized microservices with **Docker** and orchestrated deployments via **Kubernetes** for scalability.
- **Data Pipeline Design:** Built a job recommendation engine using **Python** and PostgreSQL, aligning with event-driven principles.
- Maximized page responsiveness and reduced Time To First Byte (TTFB) by implementing query result caching, stored procedures, and optimized indexing on **AWS** (DynamoDB, RDS), using **Node.js** with **TypeScript**.

BestRx Pharmacy Software | Full-Time | *Full Stack Engineer* | Oak Brook, IL

Aug 2023 – Apr 2024

Product Description: Pharmacy Management Suite (Point Of Sale, Inventory, Medical Billing)

- **Automated Insurance Claims System:** Engineered a HIPAA-compliant claims processor using **C# .NET** and object pooling, reducing reimbursement delays by 25%.
- **Microservices Architecture:** Developed RESTful APIs with **ASP.NET Core** for real-time prescription tracking, integrated with ReactJS frontend.
- **Database Optimization:** Refactored SQL Server stored procedures, improving query performance by 30%.

Autoreview.ai | Intern | *Software Engineer Intern, AI/ML* | Gainesville, FL

May 2022 – Dec 2022

Product Description: Document Manager for Construction Companies

- **Asynchronous Workflows:** Developed a secure license key management system using **Django** and **Redis**, handling 5k+ subscriptions.
- **Data Orchestration:** Engineered geocoding pipelines with **PostGIS** and Google Maps APIs, reducing processing time by 20%.
- **Structured Logging:** Implemented **Serilog** with correlation IDs for streamlined troubleshooting in distributed systems.

Infosys | Full-Time | *Senior Software Engineer* | Chennai, India

Jul 2018 – Jul 2021

Product Description: Information System for Subsidized Housing Projects

- **Cloud Migration:** Migrated legacy Oracle/SQL Server databases to **Azure SQL**, enhancing scalability for enterprise systems.
- **CI/CD Automation:** Streamlined deployments using **Jenkins** and Linux/Unix scripts, cutting release cycles by 40%.
- Migrated complex on-premises databases in Oracle and MS SQL Server 2005 to Azure-hosted SQL Server 2017.