

GANESAN S

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PROFESSIONAL SUMMARY

Full Stack Software Engineer with 5+ years of experience building scalable, secure, and cloud-native systems. Expertise in **Java microservices, multi-cloud architecture (AWS/Azure), and DevOps practices**. Proven track record of optimizing performance, ensuring compliance, and delivering enterprise-grade applications.

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

Frontend and Languages: Java, Python, C#, JavaScript (ES6+), TypeScript, ReactJS, HTML5, CSS3
Backend & Data: Spring Boot, RESTful APIs, Hibernate, Apache Kafka, Redis, PostgreSQL, Neo4j
Cloud & DevOps: AWS (DynamoDB, RDS, S3, EC2), Azure (SQL Server, VMs, Blob Storage), CI/CD
AI/ML and Tools: TensorFlow, GloVe NLP, PostGIS, Splunk, ReactJS, Node.js, Django
Security: HIPAA Compliance, SAML/OAuth, AES-256 Encryption, Active Directory

WORK EXPERIENCE

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

May 2024 – Present

Product Description: Job Board for contract IT roles

- Engineered a **clickstream analysis microservice** using **Java, Apache Kafka, and ReactJS**, processing 50K+ user interactions daily to boost job posting views by **15%**.
- Reduced **Time To First Byte (TTFB)** by **20%** by optimizing **AWS DynamoDB/RDS** with query caching, stored procedures, and indexing strategies.
- Designed a **GraphDB-powered referral system** on AWS ECS using **Neo4j**, modeling candidate networks to drive high-quality referrals.

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)

- Built a **RESTful Backend-as-a-Service (BaaS) API** with **Java Spring Boot and Hibernate**, streamlining prescription transfer tracking and improving compliance by **30%**.
- Accelerated insurance reimbursements by **25%** via a **thread-pooled Java service** that automated claims processing while ensuring **HIPAA compliance**.
- Delivered real-time drug safety data at point-of-sale using **JavaFX and SQL Server**, integrating Medi-Span® datasets for 10K+ daily transactions.

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

May 2022 – Dec 2022

Product Description: Document Manager for Construction Companies

- Produced **92%-accurate regulatory reports** by engineering a **TensorFlow NLP microservice** with GloVe embeddings and a **Redis VectorDB** for semantic search.
- Reduced flood-risk analysis latency by **40%** using **PostGIS spatial indexing** and **Google Maps APIs** in NodeJS/ReactJS workflows.
- Automated license key lifecycle management via a **Django microservice** with AES-256 encryption, handling 500+ subscriptions monthly.

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

Jul 2018 – Jul 2021

Product Description: Information System for Subsidized Housing Projects

- Migrated **Oracle/MS SQL Server 2005** databases to **Azure SQL Server 2017**, optimizing query performance by **35%** and enabling real-time analytics.
- Designed **22 Power BI dashboards** with SQL Server Integration Services (SSIS), enhancing data visibility for 15+ housing projects.
- Engineered **20+ parameterized stored procedures** and **SQL Server Integration Services (SSIS)** packages to automate data ingestion from 3rd-party APIs, reducing manual ETL efforts by **30 hours/month**.