

GANESAN S

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PROFESSIONAL SUMMARY

Full Stack Software Engineer with **5+ years** of experience building **high-performance Java/Spring Boot applications** and **Blockchain solutions**. Expertise in **cloud-native architectures (AWS/Azure)**, **CI/CD pipelines**, and **enterprise-grade smart contracts**. Passionate about Agile methodologies, code quality, and collaborative problem-solving.

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: Java (JDK 8+), Python, JavaScript/TypeScript

Backend Development: Spring Boot, Spring MVC, Hibernate/JPA, RESTful APIs, Shell Scripting

Cloud & DevOps: AWS (S3, Lambda, RDS, ECS, EC2, SQS, CloudWatch), Azure (VMs, SQL, Blob Storage)

Frontend Development: ReactJS (exposure to Angular), JavaFX

Databases & Data Tools: PostgreSQL, MongoDB, DynamoDB, Oracle, SQL Server, JUnit, Mockito, SLF4J/Logback

WORK EXPERIENCE

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

May 2024 – Present

Product Description: Job Board for contract IT roles

- Developed **high-performance Java microservices** using Spring Boot and AWS ECS, reducing TTFB by **30%** through caching and query optimization.
- Engineered a **Neo4j GraphDB-based referral system** deployed on AWS, demonstrating expertise in **distributed systems**.
- Increased job posting views by 15% by engineering a **clickstream analysis microservice** on user interactions using **Celery, ReactJS, and MongoDB**.
- 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)

- Built **HIPAA-compliant Java services** for pharmacy management using Spring Boot, Hibernate, and **multi-threading** for insurance claims.
- Enhanced revenue recovery, accelerated reimbursements, and improved HIPAA compliance by developing an **automated insurance claims system** using **object pooling** in Java.
- Integrated third-party APIs (Medi-Span®) with **JavaFX** and SQL Server, ensuring data consistency.
- Standardized **logging/tracing** with SLF4J and correlation IDs, enhancing troubleshooting.

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

May 2022 – Dec 2022

Product Description: Document Manager for Construction Companies

- Delivered real-time GIS data to identify flood-prone sites by engineering **spatial indexing and geocoding workflows** using **PostGIS & Google Maps APIs** in NodeJS, ReactJS.
- Produced on-demand regulatory insight reports with 92% accuracy by engineering, a **microservice** with a **GloVe NLP model** in TensorFlow(Python) for sentence embeddings and a Redis VectorDB for embeddings dictionary.
- Streamlined product subscription handling through a **RESTful microservice** that securely generates license keys using **AES encryption** and managed their lifecycle transitions using **Django and MongoDB**.

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

Jul 2018 – Jul 2021

Product Description: Information System for Subsidized Housing Projects

- Built functionality, provided long-term development support, and enhanced system reliability for property and contract management modules using **.NET Framework 4.7.2** and **C# 6.0**.
- Created 22 **Power BI** report templates with **SQL Server Integration**, and resolved issues in 96 SSRS reports for reliable data insights.
- Migrated complex on-premises databases in Oracle and MS SQL Server 2005 to Azure-hosted SQL Server 2017.