

GANESAN S

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PROFESSIONAL SUMMARY

Full Stack Software Engineer with 5 years of experience designing scalable, cloud-native applications using **Java, Spring Framework, and microservices**. Proficient in agile methodologies, DevOps practices, and end-to-end development of resilient, secure systems. Adept at collaborating with cross-functional teams to deliver optimal customer experiences.

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, Python, JavaScript (ES6+), TypeScript

Backend Development: Spring Boot, Spring MVC, Spring Security, Hibernate, RESTful APIs, Node.js, Microservices

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

Frontend Development: ReactJS, HTML5, CSS3, Bootstrap

Databases & Data Tools: PostgreSQL, MongoDB, DynamoDB, Redis, Apache Kafka

WORK EXPERIENCE

Maxil Technology Solutions | Full-Time | *Software Engineer* | Remote

May 2024 – April 2024

Product Description: Job Board for contract IT roles

- Led development of a **job recommendation engine** using **Java Spring Boot** and **AWS ECS**, integrating **spaCy NLP** for skill matching and PostgreSQL for vector storage.
- Engineered a **clickstream analysis microservice** with **ReactJS**, **Celery**, and **MongoDB**, boosting job posting visibility by 15% via real-time user interaction analytics.
- Optimized backend performance by 30% through caching strategies and indexing on **AWS DynamoDB** and **RDS**.

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 BaaS API** with **Spring Boot** and **Hibernate** to track prescription transfers, improving compliance by 25%.
- Automated insurance claims processing using **Java object pooling**, reducing reimbursement delays by 40%.
- Implemented **structured logging** with **Spring AOP** and **SLF4J** to standardize troubleshooting workflows.

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 flood analysis** using **PostGIS** and **Google Maps APIs**, deployed as a Python/ReactJS microservice.
- Engineered a **NLP-powered regulatory reporting system** with **TensorFlow (GloVe)** and Redis VectorDB, achieving 92% accuracy in compliance insights.
- Designed a **secure license key management microservice** using Django, MongoDB, and AES encryption for SaaS subscription lifecycle handling.

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

Jul 2018 – Jul 2021

Product Description: Information System for Subsidized Housing Projects

- Redesigned backend modules for subsidized housing systems using **Java Spring Boot**, reducing API latency by 20%.
- Migrated legacy Oracle databases to **Azure SQL**, optimizing query performance by 35% with **Hibernate** and **JPA**.
- Automated report generation by integrating **Java** services with **Power BI**, cutting manual effort by 50%.
- Implemented **agile practices** (sprint planning, retrospectives) to improve team velocity by 18%.