

# Vignesh Ramesh

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## Overview

Experienced Software Engineer with a strong background in backend development. Proficient in Java, Spring Boot, and Google Cloud Platform (GCP). Skilled at designing and implementing RESTful APIs, data extraction, and database management using MongoDB and SQL Server. Passionate about creating efficient and scalable solutions. Looking to leverage proven achievements, working knowledge of Agile methodology, and experience in implementing REST-based microservice architectures and web services. Possess a BE in Computer Science.

## Education

**East Point College of Engineering and Technology**, B.E in Computer Science Aug 2016 – October 2020

- **Coursework:** Designed a MySQL database as a registry for Intelligence services. Predicting Autism Spectrum Disorder (ASD) using Machine Learning.

## Experience

**Lead Engineer**, HCL Technologies – Chennai, TN May 2024 – Current

- Developed and maintained a robust PLM adapter using Java and Spring Boot, implementing a Chain of Responsibility pattern to efficiently identify and process data deltas.
- Engineered a data pipeline to process vendor data into a Data-Centric Architecture (DCA), ensuring vendor agnosticism and data independence for downstream services.
- Architected an automated, event-driven workflow using Pub/Sub to orchestrate a multi-step data synchronization process between vendors, ensuring seamless and timely updates.
- Streamlined data synchronization between multiple vendors, reducing manual intervention and improving overall system efficiency.
- Reduced GCP storage costs by 10% through implementation of a lifecycle rule to delete objects older than 20 days.
- Improved code quality through peer code reviews and refactoring, leading to better system maintainability.
- Reduced Processing time of the application by more than 60% by identifying false positive attributes and ignoring them from comparison.

**Senior Systems Engineer**, Infosys Limited – Bengaluru, KA Mar 2021 – May 2024

- Development and Unit Testing of REST API's using Java, Spring Boot, and Microservices.
- Developed microservices to help the IVR team recognize the segment to which the customer belonged.
- Worked on a critical client segmentation project with tight deadlines and delivered outstanding results.
- Received continuous appreciation from the client for delivering high-quality software solutions on time.
- Helped the organization earn recognition as the most trusted partner for outstanding service and quality.
- Earned multiple awards for my contributions, also recognised as one of the top performers of my unit.

## Certifications

**Google Cloud Certified Associate Cloud Engineer:** Gained extensive knowledge on Cloud concepts in Google Cloud.

## Skills

**Languages:** Java, SQL, Javascript, Python.

**Frameworks and Tools:** Spring Boot, Microservices, GCP, GitHub, PCF, Generative AI, JIRA.

**Software:** Microsoft SQL Server, IntelliJ Idea, MongoDB.