Santhi Priya Medagam

Software Engineer | 9553222470 | santhimedagam@equifax.com | [Portfolio](#)

PROFESSIONAL SUMMARY

Highly motivated and results-driven Software Engineer with 4.5 years of experience in designing, developing, maintaining, and deploying scalable and robust cloud-native solutions. Proven expertise in Java (Spring Boot), GCP, and .NET (C#), with a strong focus on data migration, real-time data processing (Apache Dataflow/Beam), and microservices architecture (Kubernetes/GKE). Experienced in leveraging AI-powered development tools (GitHub Copilot, Gemini Code Assist) to enhance code quality and accelerate delivery. Goal-oriented team player with strong communication and collaboration skills.

TECHNICAL SKILLS

Category	Technologies	Tools & Platforms
Languages	Java, C#, SQL, JavaScript, HTML, CSS	**AI/Dev Tools:** GitHub Copilot, Gemini Code Assist
Frameworks	Spring Boot, ASP.NET, Apache Beam	**Monitoring/Logging:** Datadog, Looker studio
Databases	Big Query, Fire store, Spanner, MSSQL , Elastic Search	**CI/CD/Version:** GitLab, Jenkins, Git
Cloud/DevOps	Google Cloud Platform (GCP), AWS S3, Kubernetes (GKE), Postman/Bruno, JIRA, Confluence	

CERTIFICATIONS
- [Google Cloud Associate Cloud Engineer](#)
- [Google Cloud Professional Cloud Architect](#)

WORK EXPERIENCE

Sails Software Solutions Pvt Ltd, Vizag | May,2021 – Present

1. Project - 1-9 HQ Migration Tooling (GCP-focused)
I-9 HQ is a cloud-based platform designed to streamline and automate the I-9 form completion process for businesses in the United States. I-9 HQ Migration Tooling service is built to support migration of data from various legacy systems into the I-9 HQ platform.

Work Description
- Engineered a two-iteration microservice solution (Migration Tooling 1.0/2.0) to streamline data migration from legacy systems to I-9 HQ.
- Enhanced efficiency and throughput of the migration process by integrating Apache Dataflow (Beam) jobs in the second iteration, overcoming performance limitations of direct API calls.
- Implemented Pub/Sub configurations to handle and process file receipts from legacy systems, saving raw data into Big Query for subsequent processing.
- Developed and deployed complex Dataflow logic and scripts to process structured data in Big Query and write the final, cleaned data to the destination databases (Fire store/Spanner).

Technology Stack
Java (Spring Boot), Dataflow jobs (Apache Beam), GCS, Big Query, Fire store, Spanner, Agile Scrum

2. Project – I-9 HQ (Headquarters)

The core cloud platform for I-9 form compliance, ensuring companies adhere to federal employee eligibility regulations.

Work Description
- Developed several new Java (Spring Boot) microservices APIs to deliver critical features, significantly enhancing user experience and customer satisfaction.
- Utilized NoSQL (Fire store) and highly available relational (Spanner) databases for data persistence, ensuring data integrity and high performance.
- Implemented comprehensive Junit tests using Mockito for all new API features, maintaining high code quality and reliability.
- Contributed to Production Excellence by creating scripts and CURL commands for quick data fetching and rectifying data issues in the production environment.
- Proactively monitored system health and investigated 5xx and 4xx errors using the Datadog platform, drastically reducing incident resolution time.

Technology Stack:
Java (Spring Boot), Junit (Mockito), Fire store, Spanner, Kubernetes (GKE), Agile Scrum.

3. Project - Simplifi-9 Migration Tooling (AWS/Azure-focused)

HIREtech's I-9 portal is a digital solution designed to streamline the I-9 form completion and verification process for employers. Using this portal, employees are able to complete the I-9 form electronically, reducing paperwork and improving accuracy. Migration of Hiretech's I-9 portal data to the 19HQ Equifax platform, involving a full transfer of employee I-9 forms and associated data.

Work Description
- Developed a new Windows Service application using the ASP.NET Framework and C# to handle the migration logic.
- Coordinated closely with the I9HQ Equifax team to align on data requirements, ensuring seamless data mapping and integrity. Managed data storage and retrieval using AWS S3 and MSSQL for source data staging and tracking.
- Conducted extensive manual migration testing and validation to identify and resolve data anomalies prior to final rollout.

Technology Stack
C# (.NET), AWS S3, Elastic Search, MSSQL, Agile Scrum.

EDUCATION

Bachelor of Technology in Computer Science| Rajiv Gandhi University of Knowledge and Technologies (IIIT Nuzvid) 2021

Intermediate | Rajiv Gandhi University of Knowledge and Technologies (IIIT Nuzvid) 2017

SSC | Z.P.P High School Pullalacheruvu 2017

WEBSITES, PORTFOLIOS, PROFILES

- https://github.com/Santhi612
- https://www.linkedin.com/in/santhi-priya-medagam-253093172/
- https://santhi-portfolio-2ad6c.web.app/