

# Sangeeth Kumar S

GitHub: <https://github.com/cbesangeeth>

Skills: Java, Golang, Node.js, React.js, AWS

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## SUMMARY

- AWS Certified Solutions Architect – Associate.
- 9+ years of experience in backend and full-stack development.
- Expertise in designing scalable and highly available software systems.
- Extensive hands-on experience with AWS services: S3, EC2, Lambda, API Gateway, Step Functions, HealthLake, DynamoDB, etc.
- Proficient in microservices architecture using API Gateway patterns and Pub/Sub models.
- Developed RESTful APIs for web applications and notification microservices (SMS, email, cloud messaging).
- Strong focus on robust database design and backend API development.
- Active contributor to architectural decisions, code reviews, and HLD/LLD discussions.
- Skilled in mitigating DAST/SAST vulnerabilities and optimizing costs with tools like WireMock.

## SKILLS

- Technologies: Java, Golang, Node.js
- Database: DynamoDB, MySQL, PostgreSQL, Redis
- Framework: Spring Boot, Express.js, Hibernate, Gin
- Library: React.js
- Tools: Git, Maven, Gradle, NPM
- AWS Services: S3, EC2, Lambda, Step function, HealthLake, API Gateway, DynamoDB

## CERTIFICATIONS

- **AWS Certified Solutions Architect – Associate**  
Issued: November 2024  
[View Credential](#)

## EXPERIENCE

- 1. Impelsys Pvt Ltd, Bangalore**
  - Senior Technical Lead (Jan 2023 – Present)
  - Technical Lead (Jan 2022 – Dec 2022)
  - Senior Software Engineer (Dec 2020 – Dec 2021)
- 2. PSG Software Technologies, Coimbatore**
  - Senior Software Engineer (Jun 2020 – Dec 2020)
- 3. Impelsys Pvt Ltd, Bangalore**
  - Senior Software Engineer (Apr 2018 – May 2020)
- 4. Infosys Ltd, Mangalore**
  - Senior System Engineer (Jul 2015 – Mar 2018)

## EDUCATION

- **Master of Computer Applications** - Kumaraguru College of Technology, Coimbatore, TN. - September 2012 – May 2015
- **Bachelor of Science in Computer Science** - PSG College of Arts & Science, Coimbatore, TN. - June 2009 – May 2012

## PROJECTS

### **PAAN – Patient Ambulatory Access Network**

Designed and developed an outpatient registry to transform Electronic Health Records (EHRs) into actionable insights, adhering to Fast Healthcare Interoperability Resources (FHIR) standards.

- Key Features:
  - Implemented clinical data coding using ICD, CPT, SNOMED, and other standards.
  - Enabled scalable data analytics to support decision-making and quality improvement programs.
  - Enhanced program certifications for outpatient organizations by providing data-driven insights.
  - Focused on interoperability to streamline outpatient care processes.
- Technologies: Golang, Node.js, AWS Step Functions, Glue, HealthLake, Lambda, S3, CodeBuild, CDK.

This project revolutionized outpatient care by enabling precise, data-driven decision-making and improving the quality of healthcare services.

### **AHA Data Hub (ADH)**

Developed a hub-and-spoke data integration platform to aggregate, validate, and distribute data from multiple sources to interested clients.

- Overview: A robust system leveraging Golang for backend services, React.js for frontend interfaces, and NATS Jetstream for cloud messaging.
- Key Features:
  - Collects data from multiple sources and publishes to topic-specific streams.
  - Implements data validation and transaction logging in MySQL for traceability.
  - Facilitates real-time message delivery using publish-subscribe architecture.
- Technologies: Golang, React.js, NATS Jetstream, MySQL, AWS.
- Project Highlights:
  - Designed and implemented a scalable and efficient data distribution system.
  - Ensured seamless integration with multiple data sources and clients.
  - Utilized Git for version control and collaboration.

This system streamlined data processing and distribution for clients, improving operational efficiency and real-time decision-making.

### **iPC Health (now MedLern)**

Developed a SaaS platform for hospitals to engage and manage Doctors, Nurses, and staff digitally. The platform enables healthcare professionals to educate, train, and enhance their skills anytime, anywhere, leading to improved patient outcomes and staff productivity.

- Overview: A multi-tenant application designed with a microservices architecture comprising 7 microservices (5 in Java, 2 in Node.js) with RESTful APIs.
- Purpose: Delivered reliable and up-to-date learning resources to support over 350 hospitals and 100,000 healthcare professionals in training, professional development, and talent management.
- Key Features:
  - Staff productivity enhancement and digital training solutions.

- Talent and training management system to address skill gaps.
  - Professional development tools tailored to healthcare needs.
- Project Management: Utilized Jira and Confluence for efficient project tracking and collaboration.

This solution empowers healthcare organizations by consistently upgrading their workforce's skills and improving patient care quality.

## **AWARDS**

- The Catalyst Award - Impelsys · Jul 2024
- S.W.A.T Team Award - Impelsys · Aug 2023
- Excellence Award – Impelsys ·Jan 2021
- First Responder award - Impelsys ·Jan 2020
- Best New comer award - Impelsys · Aug 2018.
- Awarded as a best team player and a proactive performer at Infosys.
- Runner-up in Hackathon'18 held at Infosys Mangalore.