

# SATHISH KUMAR

Senior Manager, Software Engineering

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Versatile & multi-tasking professional targeting senior assignments to deliver quality work in a reputed organization for mutual growth.



## PROFILE SUMMARY

- ❖ A goal-oriented, techno-functional professional offering over 16+ years of rich experience in SaaS based Software Development, Software Architecture, Product Design and Project Management with expertise in analysing, designing, developing and maintaining high-quality software solutions, ranging from startups to large enterprises.
- ❖ Strategist & implementer with in-depth knowledge of Software Development Lifecycle (SDLC) right from requirement analysis, documentation (functional specifications, technical design), coding and testing (preparation of test cases with implementation) for maintaining proposed applications.
- ❖ Proficient in multiple programming languages including Java, Spring Boot, C# and Python, with a passion for building scalable and intelligent software architectures that solve complex problems.
- ❖ Gained insightful experience in managing multiple software development projects across various geographies while meeting business needs in a fast paced, dynamic and globally expanding environment.
- ❖ Architect of high-performance solutions, including a .NET Core-based microservices web app handling ~1M daily requests, and cloud cost reduction strategies leading to significant savings.
- ❖ Strong advocate for quality and security, championing high standards in software delivery, optimizing SQL queries, and enhancing cloud security by addressing vulnerabilities.
- ❖ Expertise in cloud technologies such as Azure, AWS, and serverless architectures, with experience in reducing costs, improving performance, and migrating legacy systems to the cloud.
- ❖ Customer-Centric Approach: Excels in leading with a customer-centric approach, prioritizing people in strategic decision-making processes, fostering a culture of collaboration and customer satisfaction.
- ❖ People Manager: directing productive cross-functional teams of 5-10 engineering using interactive and motivational leadership that spurs people to willingly give 100% effort.

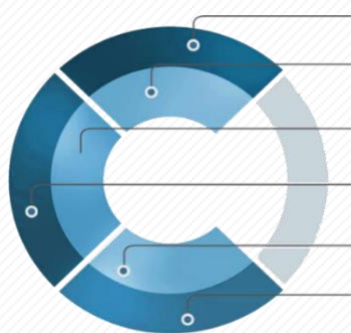


## CORE COMPETENCIES

- SaaS Application Design
- Cloud Migration Strategies
- Product Design & Strategy
- Software Development Lifecycle
- Agile Project Management
- Technical Leadership
- Requirement Gathering & Analysis
- Performance Optimization
- Stakeholder Management



## SOFT SKILLS



- Motivator
- Collaborator
- Communicator
- Innovator
- Team Building
- Problem-Solver



## EDUCATION



2009: B.Tech. (Information Technology) | Government College of Technology, Coimbatore



## CERTIFICATIONS

- ❖ Jan'11: Sun certified Java programmer
- ❖ Dec'18: ASP NET MVC Developer
- ❖ Jul'19: Python Developer
- ❖ Jul'21: Masters in Cyber Security from Simplilearn

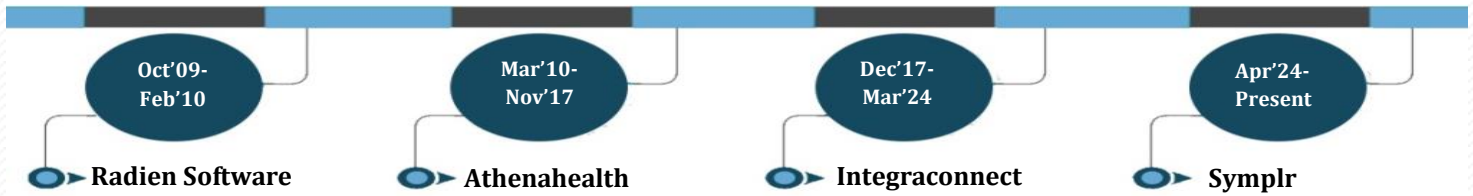


## IT SKILLS

- ❖ C#, Core Java, Spring boot, Data Structures & Algorithms, System Design, SQL Server, MSSQL, ASP.NET Core, Azure Cloud, Auth0, Azure Functions, Azure DataLake, Azure Blob, Azure KeyVault, Git
- ❖ Kafka, Kubernetes, Docker, Azure Service Bus, Azure Queue Spring Boot, JavaScript, Angular 13, NodeJs, XUnit, Jest, Oracle SQL
- ❖ GO, Python3, SonarQube
- ❖ AWS, CICD (Jenkins), ReactJS



## CAREER TIMELINE (RECENT 4)



## SIGNIFICANT HIGHLIGHTS

- ❖ Awarded **Employee of the Quarter** across multiple geographies.
- ❖ **Contributed to hackathon ideation**, leading the initiative to convert a subsystem-based monolith to macro services, which influenced the product roadmap.
- ❖ **Acted as a Technology Liaison** to the Architecture Review Board, collaborating across geographies.
- ❖ **Earned ASP.NET MVC Developer Certification** from Codewithmosh.com.
- ❖ Achieved **Python Developer Certification** from Codewithmosh.com.
- ❖ **Secured Kotlin for Java Developers Certification** from Coursera.com.
- ❖ Completed a **Master's in Cyber Security** from the Simplilearn training platform.



## WORK EXPERIENCE

### Apr'24-Present: Symplr as Sr. Manager, Software Engineering

#### Role:

- ❖ Working on technically architecting web/mobile/Cloud-based SaaS applications (using Spring Boot, Spring Cloud).
- ❖ Managing offshore-on-site coordination during various phases of software development and delivery.
- ❖ Participating in the Build & Release process.
- ❖ Maintaining large and complex projects or multiple components of a large project involving more than one company's product
- ❖ Conducting troubleshooting & testing; maintaining the core product software and databases to ensure strong optimization and functionality.
- ❖ Administering project operations with key focus on defining Service Level Agreements (SLA's), Standard Operating Procedures (SOP's) as well as interacting with prestigious clients, business partners, industry leaders, vendors & other key stakeholders.
- ❖ Analyzing complex functional & non-functional requirements, made appropriate design adjustments, provided effort estimates to support project management.
- ❖ Providing input regarding the evolution of technological platforms, and contributed to the definition and evolution of appropriate technological strategies and roadmaps.

### Dec'17-Mar'24: Integraconnect, Bangalore as Software Architect (Senior Engineering Manager)

#### Growth Path :

Dec'17-Dec'19: *Technology Manager*

Jan'21-Jun'23: *Senior Engineering Manager*

Jul'23-Mar'24: *Software Architect (Senior Engineering Manager)*

#### Role: Software Architect (Senior Engineering Manager)

- ❖ Developed the interface architecture for data ingestion into the IC Data Pool (Datalake and Snowflake).
- ❖ Collaborated on the application framework architecture across multiple verticals.
- ❖ Promoted architecture design insights to both DevOps and DataOps teams.

#### Senior Engineering Manager

- ❖ Engineered a highly scalable .NET Core 6.x-based microservices web app serving ~1M requests per day, adhering to SOLID principles, reusable Angular (v13) components, and managing application state with NgRx.
- ❖ Championed quality assurance for a team of at least 10 engineers, ensuring 100% quality in deliverables.
- ❖ Achieved a 25% reduction in cloud costs by migrating TBs of data from Azure SQL PaaS to Blob using a server-less architecture, without impacting data integrity.
- ❖ Optimized inefficient SQL queries through normalization, indexing, and aligning with business strategies.
- ❖ Acted as the Cloud Security Liaison, identifying and addressing potential vulnerabilities.
- ❖ Integrated Auth0 as the app's security framework, delivering the project on time with a team of 5 engineers.
- ❖ Implemented event-sourcing architecture using Confluent Kafka.
- ❖ Developed client-side session management, reducing "server-session-cache" costs by 80%.
- ❖ Designed an event-based physician worklist, significantly improving client performance.

#### Technology Manager

- ❖ Formulated a strategy to migrate legacy on-premise data and web services to Azure cloud, enhancing the hospital's clinical and financial data management.

- ❖ Designed and developed an MVC-based application for doctors' daily work queues, reducing their sign-off time by 50%.
- ❖ Built and deployed a NodeJS-based file storage microservice integrated with CosmosDB.
- ❖ Implemented protobuf-gRPC middleware in the legacy ORM model, facilitating the transition to a microservices architecture using Apache Thrift and Python.

### **Mar'10-Nov'17 : Athenahealth, Chennai**

#### **Growth Path :**

*Mar'10-Jan'11 : Senior Programmer*

*Jan'11-Jan'12 : Software Engineer*

*Jan'12-Jan'13 : Senior Software Engineer*

*Jan'13-Jan'14 : Technical Lead*

*Jan'14-Nov'17 : Lead Member Tech Staff*

### **Oct'09-Feb'10 : Radien Software, Pondicherry as Software Engineer Trainee**



## **PERSONAL DETAILS**

**Address:** Bangalore, India, 560102 | **Languages Known:** English and Hindi