Srivatsa G. Haridas
Software Engineering Leader

✉ srivatsahg@gmail.com
📞 **+45 - 71583481**
📍 Copenhagen, Denmark
in LinkedIn

SUMMARY

Senior Software Engineering Leader with a strong technical foundation and a proven track record of building high-performing engineering teams. Combines deep expertise in modern software architecture with a servant-leadership approach that empowers engineers, fosters collaboration, and drives continuous improvement. Experienced in scaling products, optimizing delivery processes and exercising agile methodologies. Adept at aligning technical strategy with business goals and guiding teams through complex challenges to deliver reliable, scalable, and impactful solutions.

SKILLS

- Excellent collaboration and communication skills
- Skilled in servant leadership, team building, coaching, and developing engineers
- Adept at identifying areas for improvement and creating technical roadmaps to optimize functions and processes
- Proficient in Cloud architecture and Cloud migration roadmap and execution
- Proficient in Modern Software Engineering (DevOps/DevSecOps/CICD/K8S/Observability/…)

TOOLS & TECHNOLOGIES

- **Backend & Core:** C#, Java, VB.NET, ASP.NET Core, Spring Boot, Spring Security, JPA/Hibernate, Microservices, REST APIs, Design Patterns, Multithreading.
- **Infrastructure & DevOps:** Kubernetes, Docker, AWS, GitHub Actions, CI/CD, Flyway, Liquibase, Grafana, Datadog
- **Data & Storage:** SQL Server, PostgreSQL, Elasticsearch, OpenSearch, Distributed
- Systems.
- **Security**: AES, RSA, OAuth2, Azure AD, RBAC, ReABC
- **Frontend & Scripting**: HTML5, CSS3, Angular, JavaScript, TypeScript
- **Testing & Quality**: Nunit, xUnit, Moq, JUnit, Mockito, RestAssured, Integration Testing.

EXPERIENCE

Maersk, Copenhagen (Denmark) | Software Engineering Manager   JUN 2023 – Present

As a Software Engineering Manager for the Maersk Fulfillment Warehouse, some of my achievements included:

- Exercised Agile and modern ways of working within my teams and stabilizing their velocity
- Designed and led the automation of the manual, error-prone, and time-consuming process for onboarding new customers to the MWMS system, reducing the onboarding time from weeks to seconds
- Led and delivered Enhanced a legacy Warehouse Management System (WMS) by upgrading the tech stack (Java, Dockerization) and dependencies, significantly improving system scalability and maintainability.
- Led and delivered a pivotal integration component to leverage Maersk Translation Services (MTS), revolutionizing our approach to multi-language support in our Maersk WMS V2.
- Successfully migrated all sites from the legacy MWMS V1 to the modern MWMS V2 platform, a critical initiative for our technological evolution leading to a direct annual cost saving of $644,000 in server maintenance and infrastructure expenses.

Maersk, Bangalore (India) | Senior Solution Architect   **JAN 2021 – MAY 2023**

As a Senior Solution Architect for the Document Core team, a document management provider service in the Digital Supply Chain Management system my contributions included:

● Designed and implemented end-to-end document transfer solutions over SFTP protocol for multiple clients
● Spearheaded the development of an automated **Shipping Advice** document generation service in SCM, resulting in a reduction of manual errors and increasing the productivity of the shipper which otherwise was a manual preparatory task hence error prone.
● Designed and deployed a highly available and efficient document rendering service that dynamically adapts to various countries' regulations resulting in improved document processing time and user satisfaction.
● Led the progressive decommissioning of legacy software solutions and migration to modern technologies, saving the company in annual maintenance costs.
● Developed and maintained software architecture standards and best practices, ensuring the high-quality delivery of software solutions while complying with industry standards and regulations.
● Collaborated with cross-functional teams, including product management and operations, to understand business needs and translate them into scalable and maintainable software solutions.
● Conducted code reviews, performance analysis, test automation, and system profiling to ensure high-quality code and optimal system performance.
● Implemented agile methodologies and continuous integration/continuous delivery (CI/CD) practices to ensure the timely delivery of software solutions while maintaining high quality.

Technology Stack: *C#, ASP.NET Core, Web API, SQL Server, Microservices, Azure EventHub, Function Apps, Azure Logic App, DevOps, RabbitMQ, xUnit, k6*

● Additional responsibility of leading new teams focused on critical application integrations and utilities, ensuring a seamless transition and immediate value delivery.

Honeywell Technology Solutions Lab Private Ltd, India | Senior Solution Architect   **MAR 2015 – DEC 2020**

● Designed and delivered a cloud-based and on-premises software tools that enables the ESD to design, build, commission, monitor and maintain fire systems efficiently and effectively.
● Working with other Senior Software Architects to evolve, optimize, and enhance Honeywell Life Safety System to combine Fire Safety and Notification Systems
● Worked with system engineers, program managers, developers, testers, and customers across the globe to define features and technical user stories. In the course I was fortunate to be awarded multiple utility and design patents for technical inventions.
● Drive Cyber Security compliance, DevOps and Product Certifications.
● Overhauled the error prone batch-file based firmware upgrade process to a much simpler, user friendly and efficient firmware process by developing a WPF based application for upgrading the Network cards used to network Notifier panels.
● Reduced the turnaround time for string translations by integrating Microsoft Cognitive Services APIs with the Resource Manager files to achieve faster translation of application resource strings to support more than 6 languages.
● Honeywell Bronze Award for Developing an Android based FAAST Detector Status Monitoring application reusing the core business components of the existing application.
● Honeywell Bronze Award for improving the product time to market by reducing the delay associated with the Manual build process by developing an automated build process with Jenkins to reduce the overall build process to ~22 min compared to the previous 4 hours.

Technology Stack: *C#, Microsoft Azure, Angular, TypeScript, HTML5, CSS3, ASP.NET Core, Twilio, Elasticsearch, Logstash and Kibana (ELK).*

Robert Bosch, (India, Germany) | Technology Specialist   **JUN 2004 – FEB 2015**

- Designed and delivered a generic pluggable reporting engine for the windows-based application that integrated with Bosch diagnostic tool suite using eXtensible Stylesheets (XSL 1.0). This approach greatly increased the productivity by allowing the applications to quickly create complex diagnostic reports from their respective diagnostic application by simply adhering to a standard XML schema for a product Fahrzeug System Analyser
- Successfully implemented Database Replication solution between the databases located in Stuttgart, Germany and La-Chaux-de-Fonds in Switzerland holding more than 20,000 subscriber data across Europe.
- Designed and developed the protocol translation layer for Bosch FPA 5000 Series of Fire Panel in C#.
- Modernized the globalization module for the entire application which resulted in the reduction of the application installer file size by 40MB.
- Re-designed parts of the software and incorporating SQL Stored Procedures to improve performance by 60% under load conditions.

Technology Stack: *C#.NET 2.0, SQL Server 2005, ASP.NET, XSL, HTML, InnoSetup, FinalBuilder 6, Crystal Reports IX*

EDUCATION & CERTIFICATES

- Bachelor's of Electronics and Communication Engineering   Visveshwaraiah Technological University [2000-2004]
- Scrum Master Certificate
- SAfe Certificate

PATENTS AND AWARDS

- Maersk Spot Award
- US Patent Grant Resolution of Double Address Faults during Fire System Commissioning - 10469443
- US Patent Grant Digital Twin for Fire Control Panel configuration - 10679491
- US Patent Grant Commissioning a Security system - 10726713
- US Patent Grant Interactive Address assignment for Device Commissioning - 10761696

LANGUAGES

English, Danish (A1), German (A1), Kannada, Hindi