

# Srivatsa G. Haridas

Engineering Leader | Scaling Teams and Securing Microservices | Stakeholder Management | Cloud Infrastructure

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## SUMMARY

Dynamic software engineering leader with over 20 years of experience in cloud infrastructure and system engineering, expert in risk management and implementing software applications. My key achievements include reducing customer onboarding time by 90% for over 300 clients, and achieving annual savings of \$644,000 through successful system migrations. Seeking Engineering Manager position where I bring my architectural and engineering expertise to support your mission of delivering advanced security solutions to transform customer experiences and enhance operational landscapes.

## KEY ACHIEVEMENTS

**Streamlined Customer Onboarding Process**  
Achieved **90%** reduction in onboarding time for 300+ clients through automation, cutting timelines from weeks to half a day

**Enhanced Cloud Security Standards**  
Achieved 30% reduction in cloud vulnerabilities by implementing key IT Security solutions

**Modernization of Pick-To-Light**  
Directed a repeatable PTL solution enabled seamless, global deployment across warehouses achieving sub **100ms** latency.

**WMS Modernization initiative**  
Spearheaded an end-to-end migration of WMS from a legacy platform to a scalable architecture and decommissioning outdated systems to realize **\$644,000 in recurring annual infrastructure savings**.

## EXPERTISE AREA

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, Modern Software Engineering (DevSecOps/CICD/K8S/Observability/Agile/V-Model), Project Management, Risk Management

### Backend, Cloud & AI

C#, Java , ASP.NET Core, Spring Boot, Spring Security, Gen AI, MCP, FastAPI, Azure , AWS

### DevOps & Observability

Docker, Kubernetes, GitHub Actions, Azure DevOps, Grafana , Datadog

### Data & Storage

SQL , Postgres, Elasticsearch

### Testing & Automation

K6 , NUnit , Mockito , xUnit, MOQ, JUnit

### Security

AES, OAuth2, Azure AD, Open Policy Agent

### Frontend & Scripting

HTML5, TypeScript , JavaScript , Angular, Python

## EXPERIENCE

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Software Engineering Manager

### A.P. Møller Maersk

06/2023 - Present      Copenhagen, Denmark

- 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 by **90%** from weeks to less than half a day.
- Directed and delivered Enhanced a legacy Warehouse Management System (WMS) by upgrading the tech stack (Java, Dockerization) and dependencies, significantly improving system scalability and maintainability.
- Achieved a direct annual **cost savings of \$644,000** by successfully migrating 20+ sites from the legacy MWMS V1 to the modern MWMS V2 platform.
- Directed a repeatable **Pick-To-Light** PTL solution enabled seamless, global deployment across warehouses achieving sub **100ms** latency.
- Managed and delivered a pivotal integration component to leverage Maersk Translation Services (MTS), revolutionizing our approach to multi-language support in our Maersk WMS V2.
- Leading initiatives on agentic AI & MCP servers to accelerate backend workflows and system intelligence.

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Senior Solution Architect

### Maersk Global Service Center

01/2021 - 05/2023      Bangalore, India

- Designed and implemented end-to-end document transfer and automated document generation solutions, enhancing productivity and reducing manual errors.
- Developed a document rendering service that improves processing time by adhering to international regulations, elevating user satisfaction.
- Led decommissioning and migration of legacy systems to modern technologies, saving substantial annual maintenance costs.
- Established and maintained software architecture standards, driving high-quality solution delivery compliant with industry standards.
- Collaborated with cross-functional teams to transform business needs into scalable software solutions, ensuring optimal performance through code reviews and test automation.
- Implemented agile methodologies and CI/CD practices for timely and quality-focused software delivery.
- Directed teams in critical app integrations for seamless transitions and immediate operational value.

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Software Architect

### Honeywell Technology Solutions Lab Private Ltd

03/2015 - 12/2020      Bangalore, India

- Designed and delivered cloud-based and on-premises software tools for efficient fire systems management, collaborating with senior architects to integrate Fire Safety and Notification Systems.
- Reduced firmware upgrade complexity by creating a WPF application, streamlining error-prone processes, resulting in a more user-friendly experience.
- Integrated Microsoft Cognitive Services APIs to expedite translation across six languages, dramatically reducing turnaround times.
- Earned multiple utility and design patents for technical innovations, driving cybersecurity compliance, DevOps, and product certifications.
- Received Honeywell Bronze Award for an Android-based FAAST Detector Monitoring application and improving time to market with an automated Jenkins build, cutting build time from **4 hours to 22 minutes**.
- Collaborated globally with system engineers, managers, developers, and testers to define features, technical user stories, and enhance system functionalities.

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Technology Specialist

### Robert Bosch

06/2004 - 02/2015      India, Germany

- 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 productivity by allowing the applications to quickly create complex diagnostic reports from their respective diagnostic application by adhering to a standard XML schema for a product Fahrzeug System Analyser
- Enhanced data reliability for 20,000 subscribers by implementing cross-border database replication from Germany to Switzerland.
- 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

## EDUCATION

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Bachelor's of Engineering - Electronics and Communication

### Visveshwaraiah Technological University

2000 - 2004      Hassan, India

- Analog and Digital Electronics Circuits
- Microprocessors, Microcontrollers, Computer Organization
- Fields and Waves, Transducers and Instrumentation
- Information Theory and Coding
- Signals & Systems, Digital Signal Processing
- Computer Communication Networks

## PATENTS & AWARDS

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 **EU Patent for Interactive Address Assignment of Fire Alarm System Devices for Faster Commissioning**

<https://patents.google.com/patent/EP3736787B1/en?oq=EP3736787B1>

 **US Patent to Resolve Double Address Faults during the commissioning process of a connected system (Fire/Life Safety)**

<https://patents.google.com/patent/US10469443B2/en?oq=US10469443>

 **US Patent for Fire Control Panel Configuration**

<https://patents.google.com/patent/US11210928B2/en?oq=US11210928>

 **US Patent for using Blockchain to secure a Building Management System**

<https://patents.google.com/patent/US20210067739A1/en?oq=US20210067739A1>

 **US Patent for Commissioning a Fire Panel System**

<https://patents.google.com/patent/US20240428677A1/en?oq=US20240428677A1>

 **US Patent for Securely Storing Building Management System in a Blockchain**

<https://patents.google.com/patent/US20200285626A1/en?oq=US20200285626A1>

## LINKS

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 **GitHub**

<https://github.com/srivatsahg>



**Portfolio**

<https://vatsag.com>

 **LinkedIn**

<https://linkedin.com/in/srivatsahg/>

## LANGUAGES

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**English**

Native



**Danish**

Beginner



**German**

Intermediate



**Hindi**

Native



**Kannada**

Native

