Srivatsa G. Haridas

Engineering Leader | Stakeholder Management | Cloud Infrastructure

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SUMMARY

Dynamic software engineering leader with **20+** years of experience in system engineering, cloud infrastructure, expert in risk management and delivering 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
Directed **90%** reduction in onboarding time for 300+ clients through automation, cutting timelines from weeks to half a day

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

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

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Spearheaded an end-to-end migration of WMS from a legacy platform to a scalable architecture and decommissioning outdated systems to realize **$644,000** in recurring annual infrastructure savings.

MANAGEMENT SKILLS

- Proficient in Cloud architecture and Cloud migration roadmap and execution
- Modern Software Engineering (DevSecOps/CICD/K8S/Observability/Agile/V-Model)
- Skilled in Servant leadership, Team building, coaching, and developing engineers
- Excellent collaboration and communication skills
- Adept at identifying areas for improvement and creating technical roadmaps to optimize functions and processes
- Project Management, Risk Management

TOOLS AND TECHNOLOGIES

Backend & Cloud

C#, Java, ASP.NET Core, Spring Boot, Spring Security, MCP, Fast API, Azure, AWS

DevOps & Observability

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

Data & Storage

SQL, Postgres, Elasticsearch

Testing & Automation

K6, NUnit , xUnit, MOQ, JUnit

Security

AES, OAuth2, Azure AD, Open Policy Agent

Frontend & Scripting

HTML5, TypeScript, JavaScript, Angular, Python

EXPERIENCE

Software Engineering Manager | A.P. Møller Maersk

📅 06/2023 - Present 📍 Copenhagen, Denmark

- Led and enabled a high-performance team of 10 engineers across multiple geographies, driving the development of Warehouse management applications that enhanced **operational efficiency by 25%.**
- 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** ensuring **zero-downtime** during the migration of **>100 sites**.
- 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.

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.

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 by 40%.
- 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.

Technology Specialist | Robert Bosch Engineering and Business Solutions Limited

📅 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 Analyzer
- 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

Bachelor of Engineering - Electronics and Communication | Visveshwaraiah Technological University

📅 2000 – 2004   📍 Hassan, India

Subjects:
- 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

- **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

GitHub
https://github.com/srivatsahg

Portfolio
https://vatsag.com

LinkedIn
https://linkedin.com/in/srivatsahg/

LANGUAGES

English
Native

Danish
Beginner

German
Intermediate

Hindi
Native

Kannada
Native