# Swathi Vankayalapati

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Portfolio : https://swathi-vankayalapati.github.io/Swathi-Vankayalapati-portfolio/

## PROFESSIONAL SUMMARY

Experienced **Full-Stack Web Developer** and **Software Engineer** with 3+ years of experience. Proven ability to bridge development and operations to deliver scalable applications quickly and reliably. Expertise in CI/CD pipelines, monitoring systems, and full-stack development. Successfully worked in both roles, bringing comprehensive understanding of the entire software delivery lifecycle from code development to production deployment and maintenance.

## TECHNICAL SKILLS

**Programming Languages and Web Technologies :** HTML5, CSS3, JavaScript, Java
**Markup & Transformation :** XML, XSLT
**Web Services :** REST APIs
**Database :** MySQL
**Web Server :** Apache Tomcat
**Operating Systems :** Windows, Linux
**Tools :** SRM(Storage Resource Manager), Postman, Notepad++ , Git Bash, Code Collaborator, WinSCP, PuTTY, Jenkins
**Version Controls :** Git, GitHub
**IDE's :** Eclipse, Visual Studio
**Collaboration & Project Management Tools :** JIRA, Confluence

## PROFESSIONAL WORK EXPERIENCE

**Company : HCLTech**                                                                    **Dec 2021 - Jan 2025**
**Project : Storage Resource Manager  – Web-based enterprise application Development**
**Role : Full Stack Web Developer**

**Project Overview :**

Developed and enhanced the SRM tool for monitoring enterprise storage systems. Implemented frontend interactive dashboards for real-time metrics, alerts and reporting. Designed backend services for data collection, processing and storage ensuring real-time performance, capacity, health, scalability and reliability.

**Tech Stack : HTML, CSS, JavaScript, Java**

**Responsibilities :**

- Developed and storage resource manager tool using **HTML, CSS, JavaScript** for **frontend dashboards.**
- Designed and implemented **backend services** using **Java** to support frontend dashboards

- Used **SQL database** to store configurations, historical metrics, capacity, performance, health, alerts data.
- Performed **unit testing and integration testing** to ensure regression-safe, defect-free code delivery
- Participated in **Agile ceremonies** including sprint planning, demos, and retrospectives and followed the complete S**oftware Development Life Cycle (SDLC)** process**.**

**Company : HCLTech**                                                **Dec 2021 - Jan 2025**
**Project : Storage Resource Manager (SRM) - Monitoring**
**Role : Software Engineer**

## Project Overview :

- Dell Storage Resource Manager (SRM), is a comprehensive storage infrastructure monitoring and reporting solution that helps IT to visualize, analyze and optimize their end-to-end heterogeneous storage environments.
- SRM monitors inventory, health, capacity, performance and workload, data protection and configuration details of several Dell and third party storage arrays along with the connected resources like hosts, fabric switches and applications to generate proactive alerts and useful reports through a single-pane-of-glass.

        **Tech Stack : XML, XSLT, JavaScript, Java**

## Responsibilities :

**Storage monitoring solutions Design & Development :**
- Designed and developed new storage monitoring solutions using Java, HTML5, CSS3, XML, XSLT
- Implemented custom REST APIs and transformations using XML/XSLT for efficient data retrieval and reporting.

**Agile Methodologies & SDLC :**
- Followed Agile methodologies and the complete Software Development Life Cycle (SDLC) to deliver sprint-based features.
- Participated in sprint planning, daily stand-ups, demos, and retrospectives to ensure alignment with business goals.

**Testing, Quality Assurance & Dev Environment Setup :**
- Achieved 100% task completion rate by proactively setting up dev test environments.
- Performed unit testing and integration testing to ensure high-quality, regression-safe, defect-free code delivery.

**Support & Issue Resolution :**
- Provided ongoing support and feature enhancements for existing storage monitoring solutions.
- Resolved customer tickets and backlog defects, significantly improving product reliability and performance.

**Code Review & Mentorship :**
- Participated in code reviews, ensuring adherence to coding standards.
- Mentored other team members, Provided support and guidance.

**Collaboration, Demos & Knowledge Transfer :**
- Provided sprint demos to teams and Enablement Knowledge Transfer sessions to demonstrate completed features to stakeholders.
- Collaborated with cross-functional teams to ensure proper alignment and timely delivery.
- Conducted Knowledge Transfer sessions to other team members.

**Confluence Management & Documentation :**
- Created, updated, and maintained documentation in Confluence, enhancing knowledge accessibility, improving transparency and team accessibility.

## EDUCATIONAL QUALIFICATIONS

- Bachelor's Degree in Computer Science Engineering from JNTU, India with 78%.    2017-2021

## PERSONAL INFORMATION

**Visa Status :** Eligible to work in the UK