

Nishanth Thomas

Software Engineering Manager

nishusemail@gmail.com | <https://www.linkedin.com/in/nishanththomas/>
United kingdom | +44 7496392354

Engineering Manager with 20+ years of experience, currently leading UI and Observability for OpenShift Data Foundation. Built and manage a global team of 15 engineers, delivering scalable open-source solutions generating \$100M+ in annual revenue.

Work Experience

Software Engineering Manager

Jan 2023 - Present

IBM(via Red Hat acquisition) | United Kingdom

- Grew the engineering team from inception to 15 engineers, promoting 10 and managing out underperformers to establish a culture of excellence and high standards.
- Directed a team of opensource developers across the globe to deliver 14 software updates, achieving a 98% on-time delivery by leveraging agile methodologies and effective project management, while working closely with UX, Product Management, QA and other development teams.
- Spearheaded the UI overhaul from monolithic to microfrontend architecture, which empowered teams with greater autonomy in development and deployment, boosting productivity by 30%.
- Established a robust code review protocol and integrated CI/CD practices, achieving a 30% reduction in software defects.
- Led the integration of advanced observability features within the UI, employing analytics and telemetry to deliver real - time insights, enhancing user experience and reducing troubleshooting time by 40%.
- Utilized Jira to streamline project tracking, resulting in a 30% increase in progress tracking efficiency and improved collaboration among cross functional teams.
- Aligned cross-functional teams and stakeholders to prioritize user-centric workflows, resulting in a responsive, scalable UI that drove adoption to 10, 000 clusters and contributed significantly to revenue growth, projected to reach \$100 million this year since its 2019 launch.

Software Engineering Manager

Jan 2022 - Jan 2023

Red Hat | United Kingdom

- Led a global team of 12 open-source developers to deliver key updates to the OpenShift Data Foundation.
- Played a pivotal role in the open-source community by contributing to governance discussions, streamlining developer workflows, and fostering transparency.

Software Engineering Manager

Nov 2018 - Jan 2022

Red Hat | Bangalore, India

- Spearheaded the formation of the OpenShift Data Foundation UI and observability engineering team, growing the team from inception to 12 developers.
- Collaborated closely with distributed teams to establish project direction, prioritize objectives, and align technical roadmaps with business goals.
- Laid the groundwork for scalable observability features by aligning backend and UI teams on foundational API designs and technical standards.

Principal Software Engineer

Oct 2013 - Nov 2018

Red Hat | Bangalore, India

- Directed an engineering team of 8 in designing and implementing microservices architecture, achieving a 35% improvement in application response times.
- Spearheaded the integration of a Nagios-based monitoring solution into the Gluster management console, leading to a 40% reduction in troubleshooting time.
- Mentored junior engineers, reducing onboarding time by 20% and aligning their contributions with organizational goals.

Software Engineer

Jan 2011 - Jan 2012

Cisco Systems | Bangalore, India

- Developed advanced VPN features for Cisco Prime, enhancing network management capabilities

Architect

Feb 2011 - Feb 2011

Pay TV Technology | Bangalore, India

- Enhanced the EPG user interface creation process, providing broadcasters with tools to rapidly customize the look and feel, leading to an increase in user engagement and new revenue streams through EPG-based advertisements.

Senior Staff Engineer | Technical Lead

Feb 2010 - Feb 2011

Motorola | Hyderabad, India

- Led the development team in designing and implementing Motorola EMS, provisioning and monitoring capabilities of Motorola WiMAX networks using web and Java-based tools.

Core Skills

Agile and Scrum Methodologies, Strategic Technical Leadership, People Management, Cloud Technologies and Devops Integration, Kubernetes, Containers, Cross-functional Team Management, Continuous Integration/Continuous Deployment, Microservices Architecture, Project Management, Execution, Prioritization, Stakeholder Communication and Expectation Management, Golang, Java, React, Openshift, AWS, Jira, System Design, Operational Excellence

Education

Master Of Computer Applications, Bangalore University

Certificates

License to Lead - First-Line Manager, IBM

Disciplined Agile Senior Scrum Master (DASSM), Project Management Institute

Publications

US Patent: US9596135B1(<https://patents.google.com/patent/US9596135B1>)

US Patent: US20170249088A1(<https://patents.google.com/patent/US20170249088A1>)