

TANUJ CHAKRABORTY

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Experience

Member of Technical Staff - 2

June 2021 – August 2024

VMware

Bangalore, India

- Contributed substantially to the development of a **Metric Dashboard** to consolidate and visualize execution and build related metrics, enhancing decision-making and performance optimization, resulting in a **50% increase** in productivity.
- Collaborated across 3 teams to migrate pipelines to the **Netflix Conductor** platform, resulting in a **25% increase** in execution efficiency.
- Led Test Automation Initiatives for vLCM - vSphere Lifecycle Management, resulting in a **66% reduction** in testing time equivalent to **48 FTE** (Full-Time Equivalent) hours saved per month.

Member of Technical Staff - 1

July 2019 – May 2021

VMware

Bangalore, India

- Developed and implemented modern user interface with **Clarity Angular** for Skyline Health Diagnostics Tool's 2.0 release, resulting in a doubling of user satisfaction and a **30% reduction** in user-reported issues.
- Engineered and developed a **shared library** to integrate existing pipelines, resulting in a **60% reduction** in maintenance overhead.
- Crafted a centralized deployment workflow for VMware Tanzu, resulting in a **90% reduction** in manual deployment overhead.

Intern

January 2019 – June 2019

VMware

Bangalore, India

- Utilized Golang to achieve containerization of product deployment in Docker, resulting in a 30% reduction in deployment downtime for the vCenter product.
 - Helped in achieving 100% bug free code using FindBugs on a project called Featurestress.
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Education

Specialized in Software Development & Problem Solving

2024

Scaler

B. Tech, Information Technology

May, 2019

VIT, Vellore

8.41/10.0

Personal Projects

Pulse | *Spring Boot, MySQL, Docker*

- Created a user-centric platform reminiscent of Reddit. Facilitated seamless content discovery, sharing, and discussion among users, fostering an engaging online community.
- Improved Pulse's functionality by integrating key features including user authentication, post creation and voting, and community management. Ensured the platform remains dynamic and adaptable to users' evolving needs.
- Built a robust backend solution using Spring Boot, Spring Security, and Spring Boot JPA, while also seamlessly integrating Swagger for interactive API documentation.

Netflix Clone | *React*

- Developed a Netflix Clone web application featuring secure user authentication, personalized recommendations, and a Netflix-style interactive UI for an optimal viewing experience on various devices.
- Implemented search functionality, trailer playback, and a favorites list, enabling users to explore a diverse catalog of movies and TV shows, watch trailers, and save preferred content.
- Employed component-based architecture and state management techniques to ensure code maintainability and scalability, resulting in a robust and easily extensible application.

FeedMe - Real-Time Feed Posting | *Node.js, MongoDB*

- Designed and developed a real-time feed posting application, FeedMe, using Node.js and MongoDB.
- Implemented features such as user authentication, real-time updates using WebSockets, and dynamic content rendering, allowing users to create, share, and view posts in real-time.
- Implemented robust error handling and validation mechanisms to ensure data integrity and enhance the overall user experience.

Skills

Programming Languages: Java, Javascript, Python, Groovy, Golang

Libraries & Frameworks: Spring, Node, Angular, React

Tools/Others: MySQL, MongoDB, Docker, Kubernetes, Jenkins

Accomplishments

- Recognized on three occasions with On Spot Awards at VMware for outstanding performance and contributions to team projects and initiatives.
- Recognized with an appreciation award for maintaining a 100-day streak in the Scaler program, demonstrating commitment to continuous learning and skill development.
- Mentored multiple college students, guiding them through their journey to become successful software engineers, and contributing to their professional growth and development.