

Nithesh S P

Devops Engineer

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SUMMARY

Results-driven DevOps Engineer with a proven track record of delivering impactful solutions, With two years of experience. Skilled in streamlining developer workflows by simplifying tasks such as code compilation using advanced DevOps tools. Adept at enhancing project outcomes through strategic planning, efficient project management, and seamless cross-team collaboration. Dedicated to fostering innovation and operational excellence, ensuring smooth and reliable development pipelines.

EXPERIENCE

JPL (Jio Platforms limited)

Sep 2023 – Present

Software Development Engineer II

- Reduced manual effort by 70% by developing complex shell scripts to automate compilation, deployment, flashing of binaries, and device configuration.
- Improved operational efficiency by 80% by designing and implementing CI/CD pipelines that support auto-triggering, build compilation, repository tagging, email notifications for stakeholders, and archiving of binary artefacts.
- Leveraged Docker containers as Jenkins nodes to trigger legacy feature phone builds. Introduced versioned container images for delta updates, optimizing VM resource usage and reducing reliance on heavy VM setups.
- Ensured clean and maintainable source code across multiple vendor repositories using Git and the repo tool. Automated repository maintenance with Jenkins, increasing overall efficiency by 50%.
- Designed a Jenkins-based CI/CD pipeline for a Django application with automated testing, tagging, and containerized deployment. Integrated Git, Docker, and NGINX for traffic management across three containers. Implemented rolling updates for zero-downtime deployments, boosting production reliability and scalability.

Graduate Engineer Trainee

Jun 2023 – Sep 2023

- Gained foundational knowledge in Java and Kotlin through hands-on training focused on mobile application development.
- Developed basic Android applications, demonstrating proficiency in Android Studio, UI design, and core Android components like Activities, Intents, and Layouts.

EDUCATION

University BDT College of Engineering

Aug 2019 – May 2023

Bachelor of electronics and communication engineering - 8.02 CGPA

ACADEMIC PROJECTS

Eco-Pack Resale Platform (DailyPay)

Developed a web platform for reselling packaging materials collected from e-commerce customers, aiming to reduce packaging waste and promote sustainability. The website handles the entire workflow—from placing an order to tracking and payment—offering a seamless user experience. Built using Python, Django, SQLite, HTML, CSS, and JavaScript, the project integrates both frontend and backend functionalities to support efficient order management and user interaction.

Message to excel sheet converter telegram bot

Developed an innovative Telegram bot using Python and the Telegram Bot API to simplify the process of filling Excel sheets. Aimed at reducing errors, saving time, and assisting users who struggle with Excel due to limited typing speed, technical knowledge, or lack of access to a laptop. The bot allows users to send structured data in message format (row-wise or column-wise), which is then automatically converted into an Excel file and sent back through Telegram—making data entry seamless and mobile-friendly.

SKILLS

Shell Scripting | Linux | Ansible | Docker | Jenkins | Kubernetes | Git | Python | Grafana | Prometheus | Debugging | Nginx | Basics of Google Cloud Platform (GCP) and Amazon web services (AWS).

Culturally sensitive | Resilience and Adaptability | Teamwork | Critical Thinking | Problem Solving | Written, Verbal and Interpersonal Communication | Interactive Presentation | Collaboration

CERTIFICATIONS

Ansible

Certificate Of Completion Ansible Essential Training

Docker

Certificate Of Completion Learning Docker Compose

Jenkins

Certificate Of Completion Jenkins Essential Training

Kubernetes

Certificate Of Completion Learning Kubernetes