 Create a GitHub repo.

 Create main and develop branches.

 Protect the main branch (no direct pushes).

 Make a pull request (PR) from develop to main

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Dockerization

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🧭 Step 6.3.2: Create the Dockerfile

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STEP 6.4: Build and Run Docker Image Locally

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Initialize and deploy with terraform

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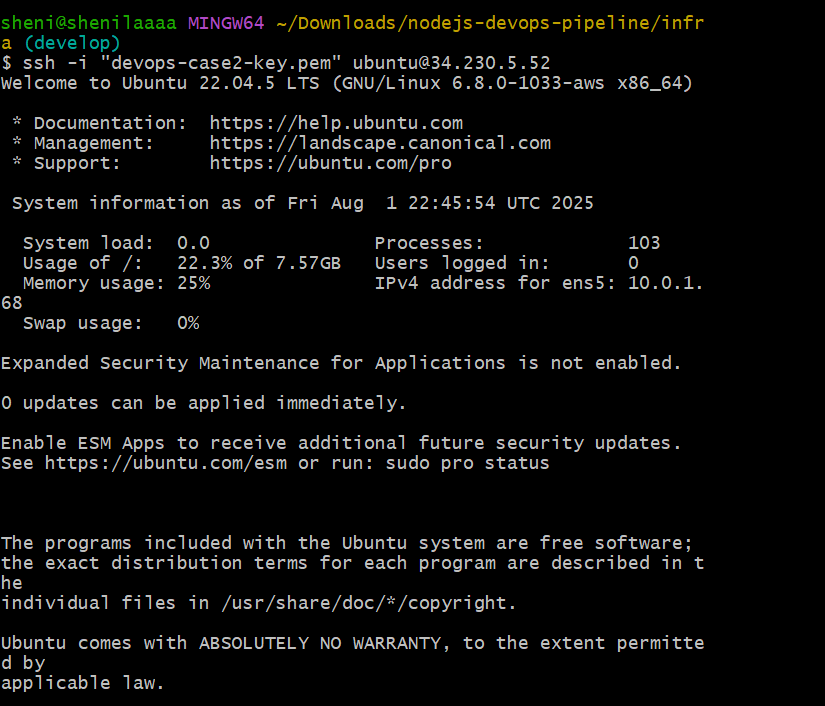
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EC2 connection



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Server file creation and hosting 3000

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Keep node app using pm2

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Auto start on server reboot

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Install Ansible on ec2 server

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Run the Playbook

Jenkins deployment

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Jenkins Job Creation

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Jenkins console output

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Shell Scripting and Cleaning

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Pushing to Github

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