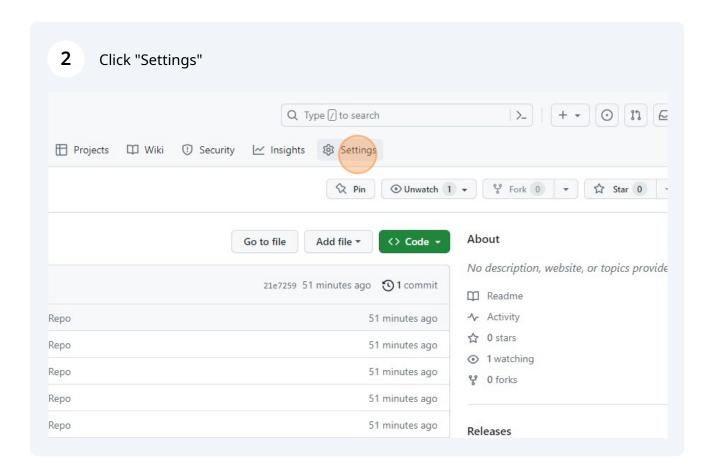
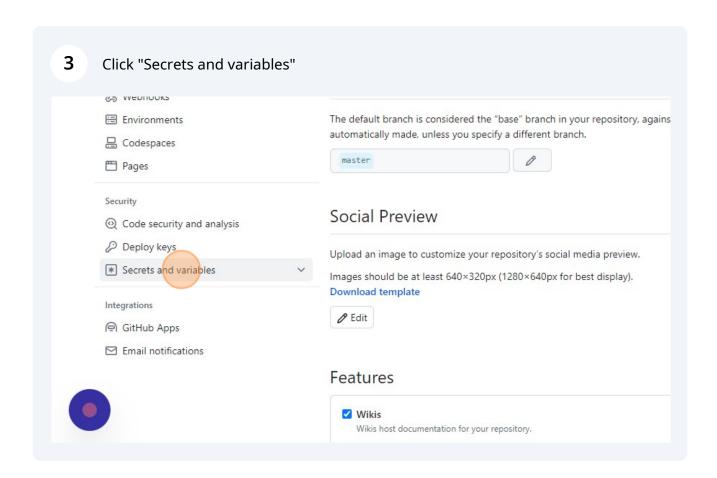
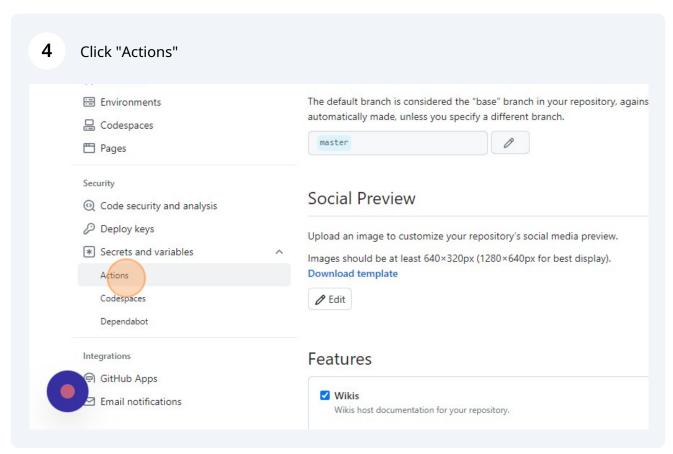
Deploy React Sample App to EC2 Instance using Github Actions

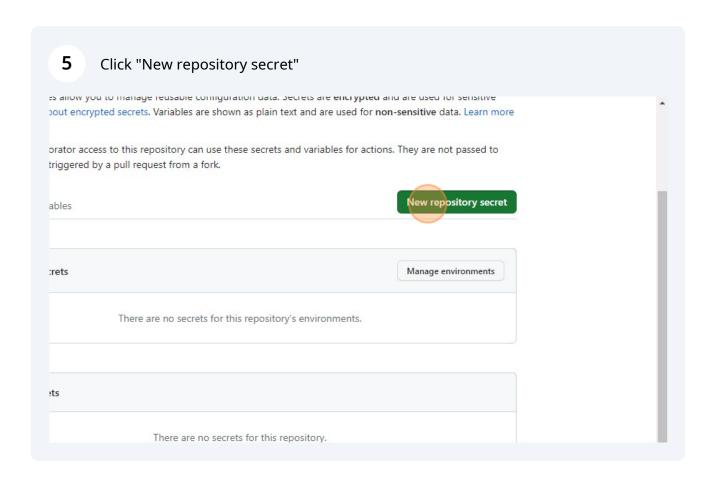


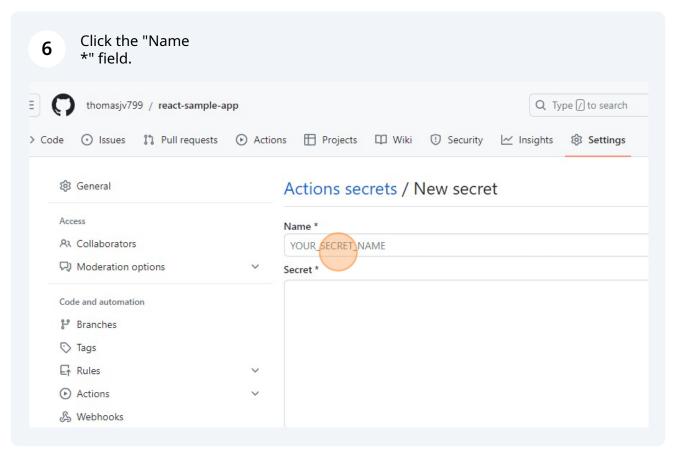
Navigate to <u>github.com/thomasjv799/react-sample-app</u> and clone this repository to your github.

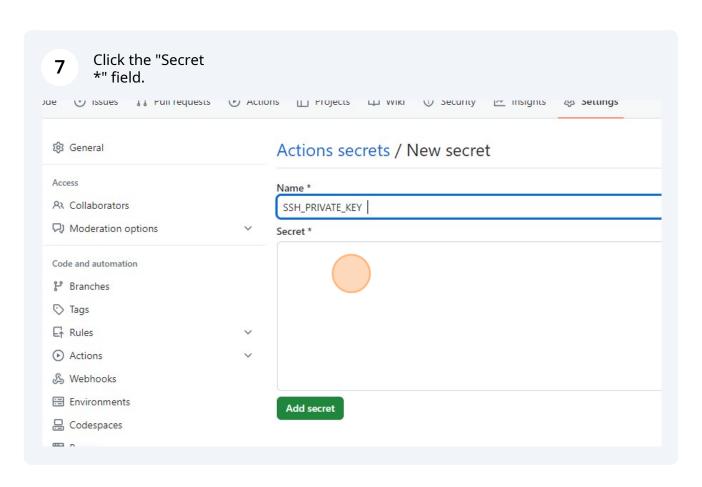


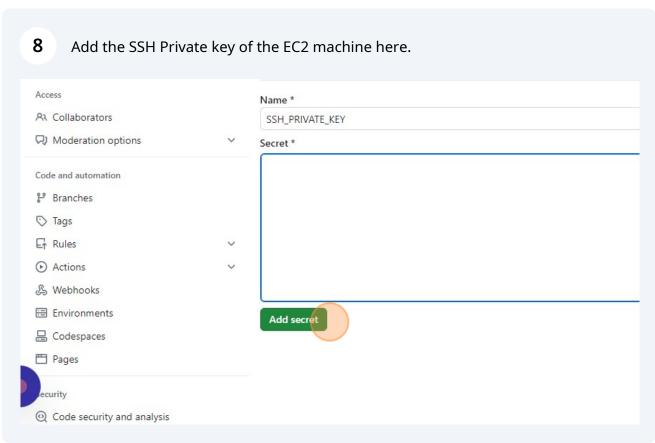




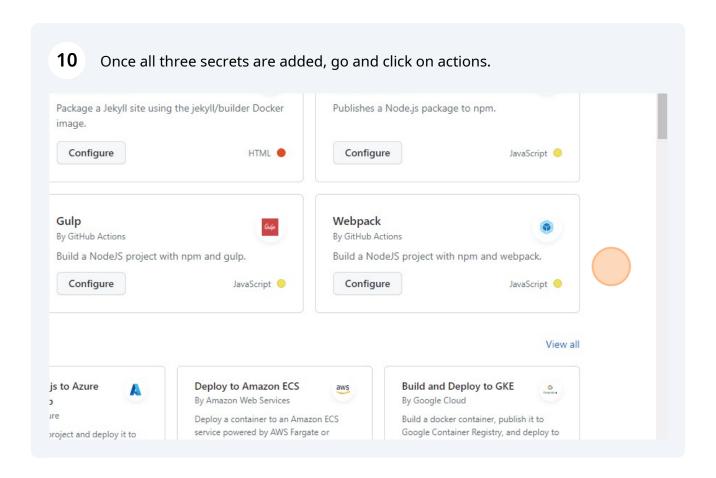




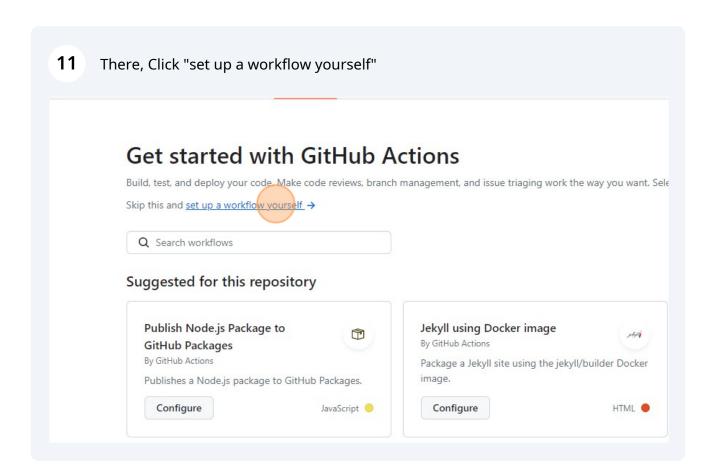


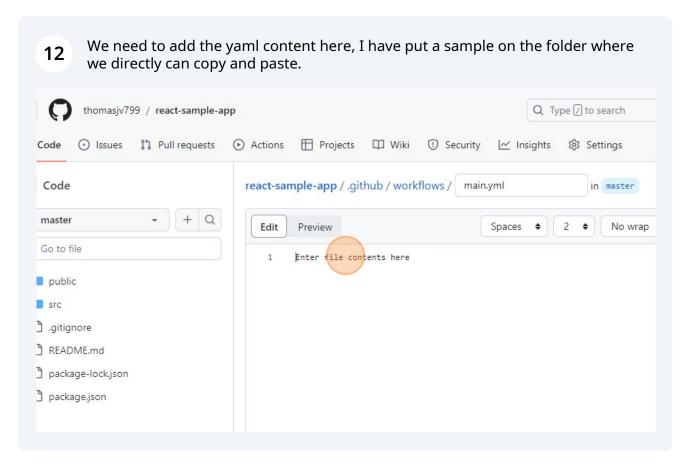


Add the same for HOSTNAME and USER_NAME which is the IP address of EC2 9 Machine and user name of the machine. Make sure that SSH key of the machine is added in the github. Q Type // to search thomasjv799 / react-sample-app Issues 17 Pull requests Actions Wiki ① Security ✓ Insights **Settings** General Actions secrets / New secret ess Name * Collaborators SSH_PRIVATE_KEY Moderation options Secret * de and automation Branches Tags Rules



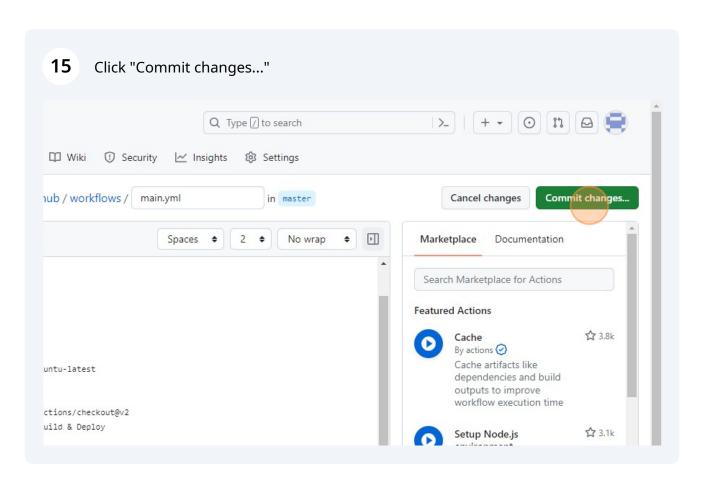
Actions Webhooks

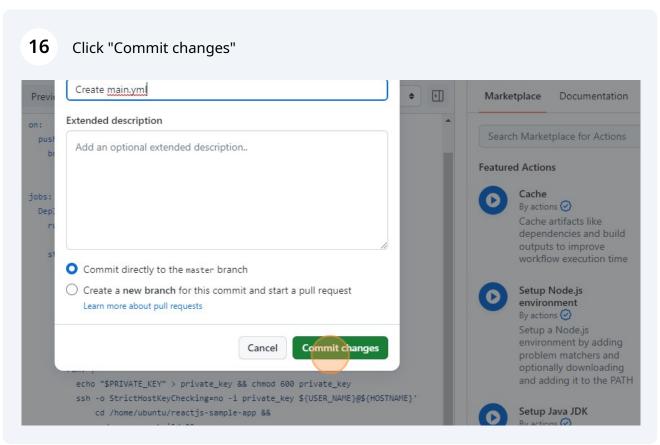


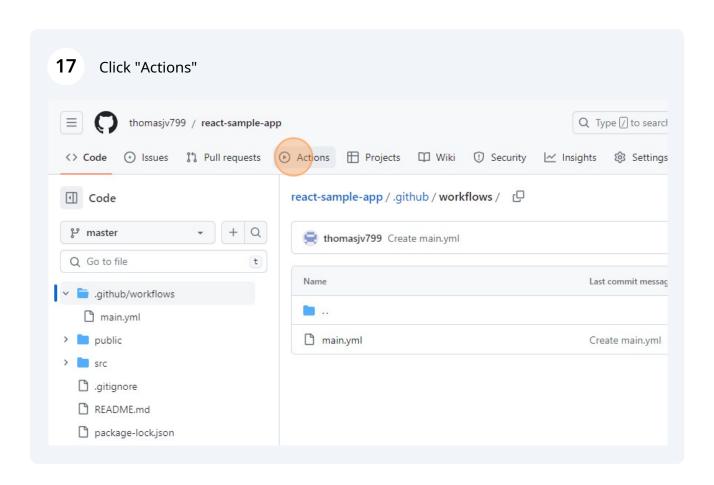


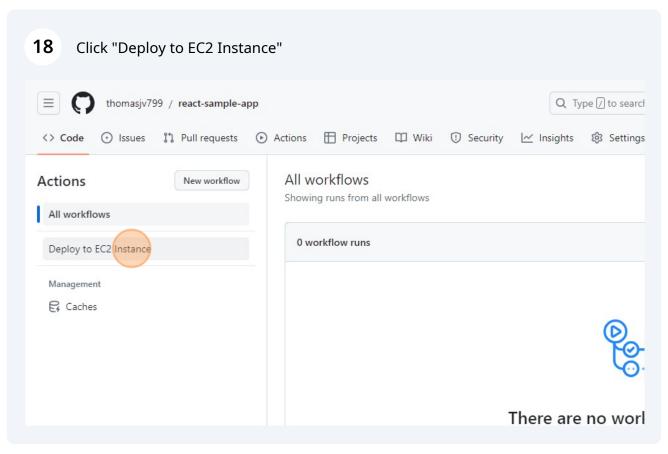
13 Click "sudo systemctl restart apache2" Cache 8 jobs: By actions 🕝 9 Deploy: Cache artifacts lil 10 runs-on: ubuntu-latest dependencies an 11 outputs to impro 12 steps: workflow executi - uses: actions/checkout@v2 - name: Build & Deploy Setup Node.js 15 environment 16 PRIVATE_KEY: \${{ secrets.SSH_PRIVATE_KEY }} By actions ② 17 HOSTNAME: \${{secrets.HOSTNAME}}} Setup a Node.js USER_NAME: \${secrets.USER_NAME} 18 environment by 19 problem matche 20 run: optionally downl and adding it to 21 echo "\$PRIVATE_KEY" > private_key && chmod 600 private_key 22 ssh -o StrictHostKeyChecking=no -i private_key \${USER_NAME}@\${HOSTNAME}' Setup Java JDK 23 cd /home/ubuntu/reactjs-sample-app && By actions 🕝 sudo npm run build && 24 echo "Sucessfully Build" && 25 cp -r build /var/www && 26 cd /etc/apache2/sites-available && 28 sudo a2ensite 001-reactjs-prod.conf && 29 sudo systemctl restart apache2

These are the steps that we are gonna do inside the EC2 machine, we can modify according to the requriement. 8 jobs: 9 Deploy: .gitignore 10 runs-on: ubuntu-latest README.md 11 12 steps: package-lock.json 13 - uses: actions/checkout@v2 14 - name: Build & Deploy package.json 15 PRIVATE_KEY: \${{ secrets.SSH_PRIVATE_KEY }} 17 HOSTNAME: \${{secrets.HOSTNAME}}} 18 USER_NAME: \${secrets.USER_NAME} 19 20 21 echo "\$PRIVATE_KEY" > private_key && chmod 600 private_key ssh -o StrictHostKeyChecking=no -i private_key \${USER_NAME} 22 23 cd /home/ubuntu/reactjs-sample-app && 24 sudo npm run build && echo "Sucessfully Build" && 25 cp -r build /var/www && 26 cd /etc/apache2/sites-available && 27 28 sudo a2ensite 001-reactjs-prod.conf && 29 sudo systemctl restart apache2 ntation • Share feedback 30









19 Our Github Pipeline is ready, now if we push anything it will trigger the pipeline.