DevSecOps Server Setup – Final Checklist

Project Name: v-server-setup Repository URL: https://github.com/behrouzRajaei/v-server-setup Access Method: SSH (key-based only)

SSH Access Setup

- ☒ Generated SSH key pair on local machine (ssh-keygen)
- ☒ Copied public key to remote server (~/.ssh/authorized_keys)
- ☒ Disabled password-based login in /etc/ssh/sshd_config: - PasswordAuthentication no - UsePAM no
- ☒ Restarted SSH service (sudo systemctl restart ssh)

Web Server (NGINX)

- ☒ Installed NGINX: sudo apt install nginx
- ☒ Verified NGINX is active: systemctl status nginx
- ☒ Verified NGINX default page is visible

Firewall (UFW)

- ☒ UFW enabled: sudo ufw enable
- ☒ Allowed OpenSSH and NGINX: - sudo ufw allow OpenSSH - sudo ufw allow 'Nginx Full'
- ☒ Verified UFW status: sudo ufw status

Git & GitHub Integration

- ☒ Initialized git repo: git init
- ☒ Added remote: git remote add origin git@github.com:behrouzRajaei/v-server-setup.git
- ☒ Configured Git identity: - git config –global user.name "XXX" - git config –global user.email "XXX@X.com"
- ☒ Pushed to GitHub: - git add . - git commit -m "Initial commit" - git push -u origin main

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Final Notes

- SSH access now only possible via key authentication.

- Password login completely disabled for better security.
- Web server is live and reachable through browser.
- All configuration steps tracked and versioned in GitHub.