**Personal Projects**

1. **Home Lab Kubernetes Cluster:**
   * **Description:** Set up a Kubernetes cluster using Raspberry Pis or old computers. This is a fantastic way to gain hands-on experience with cluster management, networking, and troubleshooting.
   * **LinkedIn Impact:** Demonstrates initiative, resourcefulness, and deep understanding of Kubernetes architecture.
2. **Infrastructure as Code (IaC) Deployment:**
   * **Description:** Create a project using Terraform, Ansible, or similar tools to automate the provisioning and configuration of cloud infrastructure (e.g., setting up a web server with load balancing and security groups).
   * **LinkedIn Impact:** Showcases your automation skills and understanding of how to manage infrastructure in a scalable and repeatable way.
3. **CI/CD Pipeline for a Personal Project:**
   * **Description:** Build a CI/CD pipeline (using Jenkins, GitLab CI, etc.) to automate the building, testing, and deployment of a personal code project (a simple web app, a Python script, etc.).
   * **LinkedIn Impact:** Highlights your ability to implement modern software development workflows and your understanding of continuous integration and delivery best practices.
4. **Security Scanning and Hardening:**
   * **Description:** Scan a web application or your home lab for vulnerabilities using tools like OWASP ZAP, Snyk, or Trivy. Then, implement fixes and security hardening measures.
   * **LinkedIn Impact:** Positions you as a security-conscious practitioner and demonstrates your knowledge of common vulnerabilities and how to mitigate them.
5. **Kubernetes Monitoring Dashboard:**
   * **Description:** Set up a monitoring and observability stack (Prometheus, Grafana, etc.) for your Kubernetes cluster or a cloud-based application. Create custom dashboards to visualize metrics and logs