UDAY PATIL
DevOps Engineer

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CAREER SUMMARY

DevOps Engineer with 1.4+ years of experience in CI/CD automation, cloud infrastructure, containerization, and server management. Skilled in GitHub Actions, Jenkins, Docker, Kubernetes (Beginner), and Terraform (Beginner) with strong experience in AWS services. Adept at managing EC2 servers, writing shell scripts, analyzing logs, and deploying scalable applications. Passionate about automation, cost optimization, and delivering reliable DevOps solutions.

KEY COMPETENCIES

- **AWS Services** – EC2, S3, IAM, VPC, RDS, Beanstalk, CodePipeline, CloudFront
- **Infrastructure as Code** – Terraform (Beginner), YAML, JSON
- **CI/CD Pipelines** – GitHub Actions, Jenkins, GitLab CI, Maven
- **Containerization & Orchestration** – Docker, Kubernetes (Beginner, GitHub projects)
- **Programming & Scripting** – Shell Scripting, Bash,
- **Web & SEO Tools** – Cloudflare, Google Search Console, SEO Optimization
- **Other Tools** – Git, GitHub, VS Code, Github Desktop
- **AI Tools** - Claude ai, ChatGPT, Gemini ai, Perplexity ai, Cursor ai.

WORK EXPERIENCE

Crypto 306

DevOps Engineer | 04 June, 2024 - Present

Project 1 – News Articles Website Hosting

- Designed and automated CI/CD pipeline with GitHub Actions for deploying a News Articles Website on AWS EC2.
- Integrated GitHub repository with automated build-test-deploy workflows, reducing manual release efforts by 90%.
- Configured GitHub Secrets and IAM roles for secure deployments, ensuring compliance and access control.
- Applied SEO optimization techniques and integrated Cloudflare for domain management, performance, and WAF security.

Project 2 – Server & Infrastructure Management

- Automated server tasks with shell scripts for backup management, service status checks, log rotation, and cleanup.
- Performed log analysis and monitoring of EC2 servers, resolving recurring errors and improving uptime by 25%.
- Configured Jenkins jobs for automated checks and reports, ensuring efficient server health monitoring.
- Implemented process management and service management practices, improving system reliability during production.

PERSONAL PROJECTS

- AI-Powered Portfolio Website – Built a personal website from scratch using AI-based tools, integrated Cloudflare for DNS, SSL, and security.
- Terraform AWS Infrastructure – Beginner-level project to provision AWS resources (VPC, EC2, RDS) using Terraform. Code available on GitHub.
- Kubernetes Deployment Lab – Beginner-level project to deploy containerized apps on Kubernetes clusters with scaling and networking. Hosted on GitHub.
- Dockerized Node.js Applications – Created Docker images for Node.js apps and pushed to DockerHub for team use.

COURSES & CERTIFICATIONS

- **Silicon Certified Network Administrator (SCNE)**
- **Certificate Course in Cyber Security**

2020 - 2022 |

- Bachelor of Computer Applications (BCA)