

# Kunal Singh

Aspiring DevOps & Cloud Engineer

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🔗 [LinkedIn](#) | 🐙 [GitHub](#) | 📁 [Portfolio](#) |

## Profile Summary

Proactive Technical Analyst and an aspiring DevOps Engineer with hands-on skills in Linux administration, Bash/Python scripting, and containerization using Docker. Proven ability to improve operational efficiency by 40%. Eager to apply automation and cloud skills to build scalable, reliable systems.

## Technical Skills

Category	Skills
Cloud & DevOps	AWS (EC2, S3, IAM), Docker, GitHub Actions, CI/CD, Git
Operating Systems	Linux (Ubuntu), Windows
Scripting Languages	Bash, Python (Basic)
Web Technologies & Tools	WordPress, AI-Powered Tools (e.g., GitHub Copilot, ChatGPT, Gemini)
Core Concepts	Automation, System Administration, Containerization

## Projects

### [Dockerized Application Deployment on AWS](#)

- Containerized a static portfolio website using Docker and Nginx, creating a portable image.

- Launched an AWS EC2 instance, configured security groups, and deployed the Docker container to a live cloud server, making it accessible via a public IP address.
- Pushed the final image to a public Docker Hub registry.

### Portfolio with Automated CI/CD Pipeline

- Engineered an automated CI/CD pipeline using GitHub Actions to deploy my personal portfolio website to GitHub Pages on every code push.

### Dockerized Portfolio Website

- Containerized a static website using Docker and Nginx, creating a portable image and pushing it to a public Docker Hub registry.

### Automated Folder Backup Script

- Developed a Bash script to automate daily backups of specified folders by compressing them, designed to be scheduled via cron jobs for efficiency.

### Log Cleaner Script

- A simple but practical Bash script to find and delete old `.log` and .tmp` files to keep a Linux system clean.`

## Professional Experience

**Technical Support Analyst** | Kimbal Technology, Greater Noida  
(Feb 2024 – Jun 2025)

- Improved operational efficiency for the team by 40% through process optimization and rapid technical issue resolution.
- Maintained high quality standards by resolving complex internal technical issues related to systems and software.
- Managed and coordinated with a team of 10 members, ensuring smooth project workflows and effective collaboration.

**Information Technology Intern** | India Habitat Centre, Delhi  
(Nov 2022 – Nov 2023)

- Offered on-site technical assistance and troubleshooting for Windows and Mac OS.
- Managed user accounts and permissions in Windows environments.
- Assisted with network connectivity issues and basic hardware maintenance.

## Education

**Bachelor of Computer Applications (BCA)**, Pursuing – *Expected 2028*

- Rajdhani College , Delhi (IGNOU)

## Learning & Development

- Actively self-learning advanced DevOps concepts through online platforms like KodeKloud and YouTube tutorials.
- Consistently practicing cloud and containerization skills on personal projects.

## Certifications & Professional Development

- **Google Cybersecurity Professional Certificate** | Coursera
- **Google IT Support Professional Certificate** | Coursera
- **DevOps Prerequisite Course** | KodeKloud (via Coursera)
- **AWS & Docker Specializations** (AWS for Beginners, AWS S3 Basics, Docker Best Practices)
- **Google: Automate Cybersecurity Tasks with Python** | Coursera