

# ALWIN ROY

## JUNIOR DEVOPS ENGINEER

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### PROFESSIONAL SUMMARY

BCA graduate with a strong interest in DevOps practices. Skilled in Linux administration, networking fundamentals, and containerization using Docker, with working knowledge of orchestration tools like Kubernetes and version control using Git. Familiar with cloud services on Amazon Web Services including Amazon EC2, S3, and Identity and Access Management. Passionate about automation, cloud technologies, and continuous learning, with a focus on building scalable and reliable systems in collaborative cloud environments.

### EXPERIENCE

- Devops Trainee**, Synnefo Solutions 09/2025 – Present  
Kochi, Kerala
- Learned basic concepts of Kubernetes and performed simple deployments.
  - Gained hands-on experience with Amazon Web Services by launching and managing simple cloud resources like virtual machines.
  - Acquired and practiced basic CI/CD concepts using Github Actions
- Intern**, Acmegrade 01/2025 – 03/2025  
Bangalore
- Collaborated with team members to gather and analyze data for process improvement initiatives.
  - Assisted in project management tasks, ensuring timely completion of assignments and adherence to deadlines.
  - Gained hands-on experience in various software tools increasing proficiency and expanding technical skill set.

### EDUCATION

- Diploma - DevOps Engineering**, Synnefo Solutions 09/2025 – Present  
2nd floor, Aswathi Building, Chittoor Rd, near Maharajas Kerala
- Bachelor in Computer Applications**, JECRC UNIVERSITY 09/2022 – 09/2025  
Plot No. IS-2036 to IS-2039 Ramchandrapura Jaipur, Rajasthan

### SOFT SKILLS

- Time Management
- Attention to Detail
- Active Listening
- Communication
- Flexible and Adaptable
- Team Management

### TECHNICAL SKILLS

- Cloud: Amazon Web Services (EC2,S3,IAM,Lambda)
- Orchestration: Kubernetes
- Web Servers: Nginx,Apache
- Containers: Docker
- Version Control: Git, GitHub
- Os: Ubuntu Linux

### LANGUAGES

- English
- Hindi
- Malayalam

### PROJECTS

#### Finding Vulnerabilities on a College Website Using Footprinting

- Conducted web application security assessment on a college website using **footprinting** techniques, identifying potential vulnerabilities and exposed attack surfaces.
- Performed passive and active reconnaissance using tools like **Shodan, Censys, Wappalyzer, and SSL Labs** to analyze subdomains, technologies, and security configurations.
- Implemented **Google Dorking, URL extraction, and security header** analysis to uncover sensitive data exposure, misconfigurations, and improve overall security posture.

#### AWS EC2 Portfolio Deployment with Nginx and CI/CD

- Provisioned and configured AWS EC2 (**Ubuntu**) instance for hosting a personal portfolio website
- Installed and configured **Nginx web server**, including **custom server block setup** for static site hosting
- Implemented **Git-based deployment workflow** to sync code from repository to server
- Managed **Linux system administration tasks** (package installation, service management, user permissions)
- Configured **AWS Security Groups** to control inbound traffic (SSH, HTTP, HTTPS) and improve security posture