

Melbin Kuriakose

Thane, Maharashtra | +91 8976345285 | melbinmk04@gmail.com | linkedin.com/in/melbinkuriakose
github.com/mellowbricks | mellowbricks.co.in

Summary

Computer Science graduate with completed hands-on DevOps training. Skilled in Linux system administration, cloud platforms (AWS, GCP), infrastructure automation using Terraform and Ansible, containerization with Docker and Kubernetes, and CI/CD pipeline implementation using Jenkins and GitHub. Proficient in scripting with Bash and Python. Seeking Linux System Administrator role to apply cloud and automation expertise in enterprise environments.

Skills

Languages: Python, Bash, Shell Scripting

Cloud Platform & Infrastructure: AWS, GCP, Terraform, Ansible

CI/CD & Automation Tools: Jenkins, GitHub, n8n Automation, MCP Servers

Containerization & Orchestration: Docker, Kubernetes

Monitoring Tools: Prometheus, Grafana, Alertmanager

Soft Skills: Leadership, Creative Thinking, Teamwork, Communication, Time Management

Projects

Infrastructure Automation with Terraform

GitHub [↗](#)

- Built a highly available AWS infrastructure using Terraform, including VPC, EC2, ECS, RDS, and ALB across multiple Availability Zones for fault tolerance.
- Secured application and database tiers with private subnets, NAT, and security groups, ensuring least-privilege access and enabled auto-scaling.

Ansible Node.js Deployment

GitHub [↗](#)

- Systematized provisioning and configuration of Ubuntu with Ansible, enabling consistent and repeatable development environments.
- Deployed IaC-driven delivery for a Node.js service using Ansible on Ubuntu, enabling consistent builds and predictable deployments.

Jenkins Automated Deployment

GitHub [↗](#)

- Orchestrated a CI/CD pipeline using Jenkins for Java applications, integrating secure credential management, artifact deployment to Nexus, and SSH-based remote execution on EC2 with post-build triggers
- Reduced deployment time from 15 minutes to under 2 minutes through zero-touch automation, significantly improving efficiency and reliability

Experience

Linux Admin Intern

April 2025 – July 2025

CoreXtech IT Services Pvt. Ltd, Remote

- Executed essential system admin tasks like process management, system monitoring, log inspection, and cron job scheduling.
- Created and deployed mini-project environments that simulate real-world IT infrastructure scenarios using shell scripting and system configuration tools.

Graphics Team Member / E-Publicity Head (College Clubs)

December 2022 – April 2025

PCACS, Navi Mumbai

- Boosted Alegria Techfest participation by 20% through social media and content strategies.
- Designed promotional media operations, maintaining a 100% on-time delivery and quality for all digital promotions.

Education

DevOps Institute Mumbai, Thane, Maharashtra

April 2025 – November 2025

Postgraduate Diploma in DevOps & Cloud Computing

Pillai College of Arts, Commerce and Science, Navi Mumbai

August 2022 – April 2025

Bachelor of Science in Computer Science (CGPA: 8.30)

Certifications

Deloitte Australia - Technology Job Simulation (Forage)

June 2025

Accenture: Data Analytics and Visualization Job Simulation (Forage)

April 2024