

# AKASH KRISHNA

DevOps Aspirant | Linux Administrator (Mint/Ubuntu) | MCA Graduate

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## Technical Skills

**Cloud & DevOps:** AWS (EC2, S3, IAM, Security Groups), Docker (Containerization), CI/CD Concepts

**Linux Administration:** Linux Mint (Daily Driver), Ubuntu Server, Bash Scripting, File Permissions, SSH, Package Management

**Developer Tools:** Git, GitHub, Postman, VS Code, Vercel

**Programming & Databases:** Python, SQL (MySQL/Firebase), Java, Dart

## Education

### Amal Jyothi College of Engineering

2024 – 2026 (Expected)

*Master of Computer Applications (MCA)*

Kottayam, Kerala

### IHRD College of Applied Science

2020 – 2024

*Bachelor of Science in Computer Science*

Kottayam, Kerala

## Cloud & Infrastructure Projects

### AWS Cloud Deployment & Containerization | AWS EC2, Docker, Linux, Ubuntu

- Provisioned an **AWS EC2 instance** (Ubuntu) and configured **Security Groups** to manage traffic.
- Established secure remote connections using **SSH key pairs (.pem)** and managed user privileges.
- Developed a custom **Dockerfile** to containerize a web application, ensuring consistent environments.
- Deployed the Docker container on the cloud server and mapped ports for public access.
- Performed Linux server administration tasks including package updates and log monitoring.

### Paint Shop Delivery System (Full Stack) | Flutter, Firebase, NoSQL

- Designed the architecture for a hyper-local delivery app, handling data flow between Client and Admin panels.
- Managed backend database using **Cloud Firestore** (NoSQL), ensuring data integrity and real-time syncing.
- Implemented **Git Version Control** for source code management and feature branching.
- Integrated RESTful APIs and optimized app performance by reducing redundant network calls.

## Experience

### Leopard Tech Labs

Apr 2025 – May 2025

*Full Stack Developer Intern*

Kottayam, Kerala

- Collaborated with the development team to build responsive web interfaces using React.js and Node.js.
- Managed code repositories using **Git & GitHub**, resolving merge conflicts and maintaining version history.
- Assisted in deploying web applications to hosting platforms (Vercel) and debugging production errors.

### Soften Technologies

May 2023 – Nov 2024

*Junior Data Analyst*

Ernakulam, Kerala

- Managed and queried relational databases using **SQL**, optimizing queries for data retrieval.
- Utilized Python for data scripting and automated report generation.
- Diagnosed data inconsistencies and performed troubleshooting on dataset integrations.

## Certifications

- **Infosys Springboard:** Certified in **Kubernetes + Docker**, OpenStack, and Android Studio IDE.
- **DBMS Master Course:** Completed advanced concepts in Database Management and SQL structuring.
- **Galactic Problem Solver:** NASA Space Apps Challenge 2024 Participant.