ASWIN GANGA

Kannur, Kerala, India

aswinganga8@gmail.com — +91 9207045380 — GitHub — LinkedIn

Profile

Aspiring **Site Reliability Engineer / DevOps Engineer** with strong hands-on experience in Linux systems, Python, and cloud-native technologies. Proven ability to design, deploy, and monitor production-grade distributed systems using Kubernetes, Apache Airflow, Kafka, and Spark. Experienced in backend optimization with Django, Flask, and FastAPI, CI/CD pipelines, and observability tooling. Actively advancing expertise in cloud platforms and scalable infrastructure design.

Technical Skills

Operating Systems & Scripting: Linux (Ubuntu), Bash Scripting, Python
Cloud & DevOps: Kubernetes, Docker, GitHub Actions (CI/CD), AWS, DigitalOcean
Data & Distributed Systems: Apache Airflow, Apache Kafka, Apache Spark
Observability: Grafana, Loki, Promtail
Backend & Databases: Django, Flask, FastAPI, MySQL, PostgreSQL, MongoDB
Tools: Git, GitHub, Figma

Professional Experience

DevOps Intern   Apr 2024 – Dec 2025
Greenink.pro — Remote (Bengaluru, Karnataka)

- Designed and deployed a production-ready data pipeline on a cloud droplet environment.
- Orchestrated workflows using Apache Airflow with containerized execution on Kubernetes.
- Implemented real-time streaming using Apache Kafka and scalable processing with Apache Spark.
- Built centralized logging and monitoring using Grafana, Loki, and Promtail.
- Improved system observability, fault detection, and operational reliability.

Full Stack Intern   Apr 2023 – Apr 2024
Eightplanes Pvt Ltd — Thalassery, Kerala

- Developed a fully functional AI-powered Learning Helper Bot with a web interface.
- Built and deployed the company's official website.
- Implemented backend services using Django and Flask.
- Collaborated on feature development and production deployments.

Leadership & Organizations

Chief Technology Officer (CTO)   Apr 2024 – Apr 2025
IEDC CETLY — Thalassery, Kerala

- Leading technical initiatives and infrastructure decisions.
- Mentoring students in web development.

Design Lead   Apr 2024 – 2025
µLearn TLY — Thalassery, Kerala

- Led design initiatives for technical and community events.

Education

Bachelor of Technology (B.Tech)   Apr 2023 – Present
College of Engineering Thalassery — Kerala