

# ALEMAYEHU MEKONEN

SOFTWARE DEVELOPER



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Addis Ababa, Ethiopia



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## SUMMARY

Skilled in Spring Boot and Node.js, designing microservices and scalable APIs with REST, GraphQL, and Socket.IO. Experienced in Kafka, RabbitMQ, and managing SQL/NoSQL databases (Postgres, MongoDB, Redis). Proficient in CI/CD, Docker, and Kubernetes for seamless deployments and system administration. Certified in backend development, with a focus on optimizing infrastructure and ensuring application reliability.

## EXPERIENCE

### Jan 2025 - Present Full Time

#### Lion International Bank | Addis Ababa, Ethiopia

DevOps and Application Administrator

- Managed CI/CD pipelines using Jenkins and Kubernetes, ensuring seamless deployments and network configurations.
- Implemented Docker containers for application deployment and GitLab for version control and continuous integration.
- Monitored system performance using Prometheus and Grafana, optimizing infrastructure reliability.
- Administered production environments, ensuring high availability, security, and performance of mission-critical applications.

### Sep 2024 - Jan 2025 Full Time

#### Addis Software P.L.C | Addis Ababa, Ethiopia

Full Stack Developer

- Full-Stack Development: Crafted the DoDai admin panel using React (with Emotion for sleek styling) and Spring Boot, ensuring seamless user experiences and high performance.
- State Management: Harnessed the power of Redux for state management and streamlined side effects with Redux Saga to keep the app responsive.
- API & Integration: Developed robust RESTful APIs and integrated RabbitMQ for smooth, asynchronous communication between microservices.
- Authentication & Monitoring: Secured the platform with JWT for user roles, while keeping everything in check with Grafana and Prometheus for system monitoring.

**May 2024 - July 2024 Full Time**  
**Purpose Black Ethiopia** | Addis Ababa, Ethiopia  
Full Stack Developer

- GraphQL & NestJS Development: Developed applications using GraphQL and NestJS, ensuring scalable and efficient backend services.
- Taxi App Development: Built a taxi application similar to Uber, focusing on seamless user experiences and real-time functionalities.
- Real Estate Magazine: Created a magazine website for a real estate company using Next.js, delivering fast, SEO-friendly pages with dynamic content.
- Full-Stack Expertise: Leveraged modern technologies to create high-performance applications, ensuring smooth integrations and high scalability.

**Feb 2024 - May 2024 INTERNSHIP**  
**Safaricom Ethiopia** | Addis Ababa, Ethiopia  
Backend Developer

- WFP Aid Distribution System: Developed the WFP Aid Distribution System using Spring Boot, focusing on building scalable and reliable microservices.
- Event-Driven Architecture: Designed an event-driven architecture using Kafka to handle real-time data processing and communication between microservices.
- Authentication & Authorization: Built a secure authentication and authorization mechanism using Keycloak, ensuring role-based access control for the system.
- System Monitoring: Monitored system performance and health using Prometheus and Grafana, proactively identifying issues and optimizing system reliability.

**S K I L L S**

Frontend:

- JavaScript/TypeScript
- React, Next, or Vue.js
- CSS-in-JS, Tailwind CSS, Bootstrap
- State Management (Redux, Redux saga, Zustand)

DevOps:

- Git
- CI/CD (Jenkins, GitHub Actions)
- Docker, Kubernetes
- Prometheus, Grafana

Backend:

- Spring Boot, Node.js, Nest
- REST APIs, GraphQL
- SQL (Postgres, MySQL), NoSQL (MongoDB, Redis)
- JWT, OAuth2, Keycloak
- RabbitMQ, Kafka

- Problem-Solving
- Agile/Scrum
- AWS, GCP, Azure
- Testing (Jest, Mocha, JUnit)

**E D U C A T I O N**

**2018 - 2022 UNITY UNIVERSITY**  
Bachelor Of Computer Science

**2023 - 2024 GEBEYA TRAINING**  
Certified Backend Engineer