Lelisa Waktola

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Skill

- **Languages:** Java, Python, JavaScript, TypeScript, SQL ,C/C++.
- **Technologies & Tools**: AWS, EC2, DynamoDB, S3, SQS, Lambda, Athena, Elasticsearch, Spark, Hive, Presto, Kubernetes, Docker, Splank, Kafka, Spring, Angular, ReactJS

EXPERIENCE

Cooperative Bank Of Oromia   Bole Addis Abeba, Ethiopia
Backend Engineer   *Sept 2017 - Dec 2017*

- Developed a *Loan Management System* as part of a summer internship, using **Spring Boot** for backend services and *React* for the frontend user interface.
- Designed and implemented *RESTful APIs* to handle loan processing, customer data management, and repayment schedules
- Integrated the application with the **existing bank management system**, enabling secure data synchronization and reducing manual data entry by **40%**
- Spring Boot , Postgres SQL, RESTful APIs, React.

PROJECTS

- Stolen Device Detector System -Developed a full-stack web application that helps users register devices and report them as stolen. The system allows tracking, status updates, and secure user authentication through a responsive user interface and RESTful APIs.
  Tech stack: React, Express.js, MongoDB, Node.js, REST APIs
- E-Learning Portal System-Designed and implemented an e-learning platform that enables user registration, course management, and content delivery. Applied backend best practices and layered architecture for scalability and maintainability.
  Tech stack: Java, Spring Boot, Spring MVC, Spring Data JPA, MySQL
- Calculator-Built a responsive calculator application supporting basic arithmetic operations with a clean and user-friendly interface. Focused on DOM manipulation, input validation, and real-time result updates.
  Tech stack: HTML, CSS, JavaScript

EDUCATION

Adama Science And Technology University   Adama, Ethiopia.
Bsc. in Sofware Engineering   Expected Graduation: June 2027.

Relevant Coursework: Object oriented programming, Database, Desecrate Maths, Data Structures and algorithms, Operating systems, Computer Networks, Machine Learning, Data Mining, Advanced Data structure and algorithm, Information Retrieval, Image Processing

Award and Certificate

- **Fundamentals of Programming** – Udacity
  Completed hands-on coursework covering programming basics, problem-solving, and logical thinking using real-world examples and projects.
- **Android Application Development** – Udacity
  Gained practical experience building Android applications, understanding activity lifecycles, UI components, and basic app architecture.
- **Spring Boot Course** – Amigoscode Academy
  Completed in-depth training on building RESTful web applications using Spring Boot, including dependency injection, JPA, and API development.