

Eyouel Ayalew Kenfu

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<https://github.com/eyouelaya>

FULL STACK DEVELOPER

Experienced Risk Prevention Specialist at META (Facebook), leveraging a computer science background and previous tenure as a software engineer within the sports betting industry. A dedicated problem solver, adept at web development and risk prevention in global operations at META. Skilled in designing, maintaining, and deploying web applications and data visualization dashboards using Agile software development methodologies. Proficient in JavaScript frameworks including React, Java, Spring Boot framework, Laravel PHP framework, as well as SQL and NoSQL database tools.

Programming Languages: HTML, CSS, JavaScript, Java, PHP

Frameworks: Spring Boot, Laravel, Express JS, Mockito, JPA, Rest Assured, React JS

Databases: PostgreSQL, MySQL, MongoDB

Tools: Kafka, Eureka, Spring Cloud Gateway, Git, Postman, Azure, AWS, Docker, Log4J, ActiveMQ

SDLC: Agile, Waterfall

Career Note: currently undergoing on-campus studies and will transition to distance education courses on April to complete a **Master's Degree in Computer Science** (Eligible for W2 Employment Starting from April 2024)

PROFESSIONAL EXPERIENCE

META (Facebook), Dublin, Ireland: Risk Prevention Market Specialist Africa | Aug 2021 – July 2023

- Led the development of a centralized data repository web page for the Sub-Saharan team, streamlining data tools and queries to ensure query consistency and enhance team productivity.
- Utilized META's Unidash tool to create a dynamic dashboard from SQL queries for the East Africa team's bi-weekly reports, significantly reducing the time spent on data collection and enabling quick access to valuable data insights.
- Orchestrated the monthly reporting process for Africa, Middle East, and Turkey, overseeing 12 reports within the reporting team. Established a systematic approach for identifying and addressing system bugs, leading to a 20% improvement in yearly operation metrics and consistent target achievement in 2023.
- Acted as the primary on-call responder for data request escalations within the Sub-Saharan team, promptly addressing high-priority requests from cross-functional teams to ensure timely resolution and seamless operations.
- Facilitated comprehensive onboarding training sessions for 12 new hires on Operations Reporting and Escalations, equipping them with essential skills and knowledge to contribute effectively to team objectives and operations.

Anbessa Sports Betting, Addis Ababa, Ethiopia: Software Engineer | Sep 2019 – July 2021

- Engineered and deployed a Payment Receipt System by seamlessly integrating our Laravel Rest API Betting platform with a government-licensed Point of Sale System using Java and XML. This initiative streamlined transaction receipts, ensuring smooth operations and compliance.
- Spearheaded the design and implementation of the Frontend for the Betting Site Admin Portal, enabling comprehensive monitoring and tracking of Cashier accounts and Betting Transactions. Leveraged backend integration to provide real-time data access, facilitating efficient cash flow monitoring.
- Contributed to bug fixes and enhancements for the betting website, collaborating closely with the development team to improve overall website functionality and user experience.

ACADEMIC PROJECTS

Webstore Full Stack Application (Technologies: Spring Boot, MongoDB, React JS, Material UI, MongoDB, GraphQL)

- Designed and implemented a Webstore Application utilizing React JS for the frontend and Spring Boot REST API for the backend. Focused efforts on enhancing the Shopping Cart functionality, including Use Cases for adding, removing, and updating items, as well as managing order creation, shipping, and completion processes.
- Developed backend functionalities to support Shopping Cart operations and order management, ensuring seamless transaction processing and user experience.
- Implemented Redux and Ajax to design and connect the React Front End, enhancing data management and application responsiveness for a smoother user interface.

Hotel Reservation System API (Technologies: Spring Boot, OAuth2, Kafka, MySQL, Azure, GitHub Actions CI/CD, Azure MySQL)

- Implemented a Hotel Reservation System, focusing on product management use cases and performing CRUD operations with our SQL database. Led authentication of REST API routes and spearheaded deployment of the REST API on Azure app services using GitHub actions and CI/CD pipelines for seamless application deployment.
- Developed comprehensive unit tests using JUnit and Rest Assured to ensure robustness and reliability of the product management section.

Movie Reservation System (Technologies: NodeJS, Express JS, JavaScript, Bootstrap, MongoDB)

- Worked on the implementation of a Movie Reservation System project, focusing on the Frontend Design of the Main Landing Page and the corresponding Rest API architecture.
- Developed robust security measures by implementing JWT Token Authentication to ensure secure access and authorization for Rest API endpoints, enhancing system integrity and user data protection.

EDUCATION

- **Master of Science in Computer Science** (Expected Graduation: Dec 2024) Maharishi International University, Iowa, US
 - o **Key courses:** Web Application Programming, Web Application Architecture, Enterprise Architecture and Software Architecture
- **Bachelor of Science in Computer Science 2019:** Addis Ababa University, Addis Ababa, Ethiopia