

EYOUEL KENFU

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SOFTWARE DEVELOPER

Experienced Software Developer specializing in Risk Prevention with recent role of 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 skilled in designing, maintaining, and deploying web applications and data visualization dashboards using Agile software development methodologies. Proficient in Java, PHP frameworks and database tools.

Object Oriented Programming • Data Structures • Database Management • Security
Code Version Control • Critical Thinking • Risk Analysis • Operational Efficiency

Languages: Java, JavaScript

Web: HTML, CSS, Bootstrap, Tailwind, Material UI, PHP

Web Services: GraphQL, REST, WebFulx, WebSocket, Kafka, ActiveMQ, Eureka, Spring Cloud Gateway

Web/App Servers: Tomcat

Frameworks: Spring, Springboot, Node JS, Express JS, Laravel

Databases: PostgreSQL, MS SQL, MongoDB

Design Patterns: Singleton

SDLC: Waterfall, Agile

Tools: Maven, NPM

Platforms: Windows, MacOS, Linux

PROFESSIONAL EXPERIENCE

CAREER NOTE: Completed on-campus studies and currently taking distance education courses to complete a **Master's Degree in Computer Science** (Available for full-time, W-2 employment).

META, Dublin, Ireland • 08/2021 – 07/2023

American multinational technology conglomerate.

Risk Prevention Market Specialist (Africa)

Risk prevention program management focusing on Africa.

- Led the development of a centralized data repository web page for the Sub-Saharan team, streamlining data tools and SQL queries to ensure query consistency and enhance team productivity by reducing manual efforts.
- 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.
- Achieved a 90% completion rate for incoming high-priority data requests within the Sub-Saharan team, surpassing the SLA goal of 80% set by cross-functional teams which ensured timely resolution and maintained seamless operations across departments.
- 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 by 50% 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
- 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.

Technologies Used: SQL, Python

ANBESSA SPORTS BETTING, Addis Ababa, Ethiopia • 09/2019 – 08/2021

An Ethiopian Sports Betting Company that operated in Addis Ababa, Ethiopia. Providing betting services on soccer matches.

Software Engineer

Built and maintained the betting platform.

- Engineered and deployed a Payment Receipt System by integrating our Laravel Rest API Betting platform with a government-licensed Point of Sale System using Java and XML which automated the receipt generation process resulting in a 40% increase in transaction processing efficiency.

- 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 using Laravel to provide real-time data access, facilitating efficient cash flow monitoring.
- Implemented a user self-ticket checker, eliminating the need for customers to visit cashiers for ticket verification. This solution was adopted by over 50% of customers, significantly enhancing their experience.
- Contributed to bug fixes and enhancements for the betting website, collaborating closely with the development team to improve overall website functionality and user experience.

Technologies Used: HTML, CSS, Bootstrap, Laravel PHP, Java, MySQL

ACADEMIC PROJECTS

Maharishi International University (2023)

WebStore Full Stack Application: - Designed and implemented a WebStore Application with React JS for frontend and SpringBoot REST API for backend. Enhanced Shopping Cart functionality, including adding, removing, and updating items, and managing order processes. Developed backend features for seamless transaction processing. Implemented Redux and Ajax for improved data management and application responsiveness. Utilized SpringBoot, MonogDB, React JS, Material U

Maharishi International University (2023)

Movie Reservation System: Implemented Movie Reservation System project, focusing on Frontend Design and Rest API architecture. Enhanced security with JWT Token Authentication for secure access to Rest API endpoints, ensuring system integrity and user data protection. Utilized Express JS, NodeJS, JavaScript, Bootstrap, MongoDB

Maharishi International University (2023)

Hotel Reservation System API: - 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 RestAssured to ensure robustness and reliability of the product management section. Utilized SpringBoot, Spring Data, Oauth, Kafka, MySQL, Azure Cloud, Github Actions CICD

PERSONAL PROJECT

Ethiopian Calendar and Todolist Website 2023: Currently engaged in a personal project aimed at leveraging the Ethiopian calendar system to create a to-do list website and web application. This initiative seeks to integrate recurring reminders that align with the Ethiopian calendar system, a feature not commonly available in standard calendars. Utilized Springboot, React JS

EDUCATION

Master of Science in Computer Science

(In progress via distance education; expected completion 04/2026)

Maharishi International University, Fairfield, Iowa

Key Courses: Enterprise Architecture, Web Application Architecture, Software Architecture, Web Application Programming

Bachelor of Science in Computer Science

Addis Ababa University, Addis Ababa, Addis Ababa (07/2019)

CERTIFICATIONS

Programming in Python certificate (Coursera: by Meta)

Supervised Machine Learning: Regression and Classification certificate (Coursera by Stanford)