

# Malick Ouedraogo

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## EXPERIENCE

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### Full Stack Application Developer

June 2023 – Present

IBM

Baton Rouge, LA

#### Client Project 1: React Web App with AWS Services

- Built a fully responsive React POC application for federal client using Tailwind CSS, implementing custom UI components from design wireframes
- Implemented a user authentication system with AWS Cognito to maintain a layer of security
- Secured 30+ user accounts via AWS Cognito with custom role-based access controls
- Incorporated the AWS JavaScript SDK to integrate services such as Amazon QuickSight dashboards for reporting and analytics
- Implemented REST API on an Express server
- Wrote unit tests with Jest, improving codebase reliability and catching bugs early in the development cycle
- Reduced risk of production issues by establishing multiple deployment environments
- Maintained Jenkins CI/CD pipelines to automate testing and deployments

#### Client Project 2: Angular Web Banking Application

- Developed and maintained front-end features across 41 repositories for an enterprise Angular-based banking platform.
- Collaborated in a Agile/Scrum environment, participating in weekly stand-ups backlog refinements and sprint planning
- Worked with Jenkins to monitor CI/CD pipelines, troubleshoot build errors and ensure successful deployments during release cycles
- Managed bug fixes and feature stories via Jira, performing code reviews, merging branches, and staging code for production
- Contributed to continuous integration and delivery by supporting multi-repository builds ensuring app stability and on-time releases.

## PROJECTS

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### React AI Chatbot | React, GoogleAI

January 2024

- Developed a chat bot web application using React and the Google Gemini API
- Includes real-time communication between user and AI assistant
- Improved user experience with error handling

### Second Harvest Non-profit Capstone | React, Spring, Bootstrap, Docker, JIRA

January 2023 – May 2023

- Built a full stack web application for a local non-profit, integrating Spring Boot REST APIs with a React frontend
- Containerized frontend and backend applications with Docker for seamless deployment.
- Designed reusable UI components with Bootstrap and connected to a SQL database for event and volunteer data
- Collaborated with CGI developers in sprint meetings, backlog creation, and sprint reviews

## TECHNICAL SKILLS

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**Languages:** Java, JavaScript (ES6+), TypeScript, HTML, CSS, SQL (PostgreSQL, MySQL)

**Frameworks:** Angular, React, React Native, Node.JS, Express.JS, GraphQL, Jest, Tailwind, Material UI, Kubernetes

**Developer Tools:** Git, Docker, VS Code, Eclipse, Postman

**Developer Skills:** REST APIs, CI/CD, Microservices, State Management (Redux)

**Certifications:** AZ-900: Azure Fundamentals, IBM Certified Advocate Cloud V2

## EDUCATION

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### University of Louisiana at Lafayette

Lafayette, LA

Bachelor of Science in Computer Science, Minor in Mathematics

Aug. 2019 – May 2023