

DUSHIME CHRISTIAN

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## SUMMARY:

- Effective software developer with 4 years of intensive hands-on experience contributing to the design, development, and deployment of complex web applications and backend services.
- Proficient in requirements analysis, technical planning, API design, coding, testing, and deployment, ensuring reliable and scalable solutions.
- Skilled in all phases of the software development life cycle, including system design, database architecture, integration, and continuous delivery.
- Proficient in Agile (SCRUM) software development methodologies, version control, and Test-Driven Development (TDD).
- Strong background in building modern web and mobile applications using Node.js, Express.js, React.js, Redux, MongoDB, Flutter, and Spring Boot.
- Proficient in implementing secure authentication and authorization using JWT, OTP-based login systems, and API role-based access controls.
- Experienced in developing and consuming RESTful APIs and securing them using best practices, including JWT and Swagger documentation.
- Hands-on experience with AWS services including EC2, S3, RDS, CloudFront, and SES for scalable cloud-based solutions.
- Experienced in setting up automated CI/CD pipelines and managing deployment environments for dev, staging, and production using GitHub Actions and Docker.
- Worked on MongoDB aggregations, query optimization, and handling nested collections using unwind, \$lookup, and other operators.
- Proficient in creating responsive single-page applications (SPAs) using React.js, Tailwind CSS, and Redux, applying hooks like useState and useEffect for efficient state management and reactivity.
- Adept at full DevOps management, including deployment of both frontend and backend, monitoring, and post-release maintenance for production systems.
- Strong collaboration skills with remote teams and cross-functional stakeholders, ensuring successful delivery of business-critical features.

## ACADEMICS/CERTIFICATIONS:

- Certificate in Software Development – <https://kiac.ac.rw/>
- High School Diploma

## TECHNICAL SKILLS:

- **Languages:** Java, Python, JavaScript, Typescript
- **Web:** HTML5, CSS3, Bootstrap, Tailwind CSS
- **Web Services:** REST, Microservices
- **Frameworks:** Spring Boot, React Js, React Native, Node Js, Next JS,
- Ruby on Rails
- **Databases:** MySQL, MongoDB, PostgreSQL
- **Design Patterns:** MVC
- **SDLC:** Agile
- **IDEs:** Eclipse, Visual Studio
- **Tools:** Eclipse, GitHub, Git, Postman, Docker,
- **Platforms:** Windows, iOS, AWS

## PROFESSIONAL EXPERIENCE

### TeckVilla, Rwanda (on site)

Jan 2020 – 2025

Back-end Engineer

Designed, developed, and maintained scalable backend services and integrations for a production-grade platform, including secure payment handling with Flutterwave.

#### Responsibilities:

- Developed robust and scalable RESTful APIs to support user authentication, product listings, order management, and payment workflows, ensuring seamless integration with the frontend.
- Led the successful implementation of Flutterwave payment integration, enabling secure and efficient online transactions for end users.
- Collaborated closely with the frontend team and project stakeholders to gather technical requirements and align backend infrastructure with user-facing features.
- Conducted regular code reviews and testing cycles, ensuring code quality, maintainability, and adherence to established development standards.
- Configured and maintained development, staging, and production environments using GitHub and Docker, streamlining the deployment process.

#### Environment:

Node.js, Express.js, MongoDB, JavaScript, REST APIs, GitHub, Docker, Flutterwave, Agile Methodologies

#### Projects:

- <https://www.isuzume.rw>

### OldFox, Rwanda (Remote)

Aug 2024 – Jan 2025

Full-stack Engineer (Part-time)

Worked remotely to develop a tourism platform, implementing complete backend infrastructure and frontend integration, including dashboard design and deployment.

#### Responsibilities:

- Architected and developed a feature-rich backend system with functionalities such as tour listings, user registration, booking management, and feedback collection, tailored for tourism operators and travelers.
- Designed and implemented user and admin dashboards with full Redux integration, enabling efficient state management and seamless user interactions.
- Handled DevOps responsibilities by configuring deployment pipelines for both frontend and backend, ensuring smooth rollouts and minimal downtime.
- Optimized database structure and query performance to handle high user traffic and ensure data integrity across the system.

#### Environment:

Node.js, Express.js, MongoDB, React.js, Redux, REST APIs, GitHub, Agile Methodologies, JavaScript, HTML, CSS

#### Project :

- <https://www.oldfoxtours.com/>

**TRAUMAHHELPWANDA, Rwanda (Remote)**

May 2024 – Dec 2024

Back-end Developer (Part-time)

Contributed to mental health support platform backend and handled Redux-based state management along with full DevOps operations.

**Responsibilities:**

- Developed comprehensive backend services to support account creation, therapist-patient interactions, appointment booking, and secure document sharing.
- Implemented role-based access controls for admin, therapist, and user dashboards to ensure compliance with privacy and access requirements.
- Managed frontend Redux integration to enable consistent application state across all components, including forms, notifications, and real-time feedback.
- Handled the end-to-end deployment process using Docker, and monitored application performance in the production environment to ensure uptime and reliability.

**Environment:**

Node.js, Express.js, MongoDB, React.js, Redux, GitHub, REST APIs, Agile Methodologies, Docker, Netlify

Projects:

- <https://thr.org.rw/>

**KaryKelly, Rwanda (Remote)**

Jan 2022 – Jan 2024

Full-stack Developer (Part-time)

Led the backend and Redux architecture for a content-driven digital platfor

**Responsibilities:**

- Developed backend APIs to manage dynamic content modules, user sessions, and media uploads, ensuring data consistency and high availability.
- Integrated Redux in the frontend to manage global application state, including authenticated user sessions, live content updates, and notification systems.
- Spearheaded the CI/CD process using GitHub Actions, and oversaw all deployment phases from testing to production, maintaining version control and rollback safety.
- Provided ongoing post-deployment maintenance, debugging, and feature enhancement to adapt the system to evolving business needs and user feedback.

**Environment:**

Node.js, Express.js, MongoDB, React.js, Redux, Docker, REST APIs, Agile Methodologies, GitHub

Projects:

- <https://karkelly.rw/>