Joy Mutanu

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Career Objective

Detail-oriented Full Stack Developer with a passion for crafting seamless user experiences and building robust back-end systems. Proficient in both frontend technologies like React.js and backend frameworks such as Flask, with a strong drive to contribute to high-impact, user-centered applications. Eager to join an innovative team and continue growing as a developer.

Technical Proficiencies

- **Languages:** JavaScript (ES6+), HTML, CSS, Python
- **Frontend Frameworks & Libraries:** React, TailwindCSS, Material UI
- **Backend Frameworks:** Flask
- **State Management:** Redux, Context API, Zustand
- **Version Control:** Git, GitHub
- **APIs & Backend Integration:** RESTful APIs, db.json
- **Testing & Debugging:** Jest, React Testing Library
- **Other Tools:** Vercel, npm, VS Code

Professional Experience

Full Stack Developer – Freelance
Remote | 2024 – Present

- Designed and implemented responsive, user-friendly web applications using React, JavaScript, HTML, and CSS.
- Built and maintained backend APIs with Flask and integrated them into frontend apps.
- Implemented authentication mechanisms and backend logic using Python.
- Utilized Redux and Context API for efficient state management.

- Conducted code reviews and collaborated with peers to ensure high-quality deliverables.
- Delivered cross-browser compatible solutions and optimized performance for faster load times.

Projects Overview

- **Ambulance Management System**
  Full-stack ambulance booking system using Flask and React.
  - JWT authentication, user login/logout, and role-based access.
  - Google Maps API and Haversine formula for geolocation-based hospital filtering.
  - Features include ambulance requests, ride history tracking, and favorites.
  - Admin dashboard for request and user management.
  - Seamless frontend-backend coordination with REST APIs.

- **Movie Website**
  Dynamic movie browser using the TV Maze API.
  - Search and filter by title, genre, and rating.
  - Hooks for state and effect management.
  - Mobile responsive, fast-loading, and componentized layout.

- **Shopping Cart Application**
  E-commerce experience with custom product cart.
  - db.json for mock backend functionality.
  - Cart quantity adjustment, cost calculation, and item deletion.
  - Custom hooks and accessibility-focused design.

- **Makeup-Product Website**
  Product listing for Maybelline items using Makeup API.
  - Real-time data filtering by category and price.
  - UI designed with Material UI and TailwindCSS.

- Product modals, responsive design, and optimized performance.
- **[Bot Battlr Application](#)**
  Gamified bot arena built in React.
    - User can select, filter, and battle bots with live updates.
    - Context API for state sharing and responsive UI components.
    - Interactive, engaging, and polished game experience.

Education

Software Development – **Moringa School**
Current Student | Specializing in backend design and frontend refinement

High School Graduate

- Achieved B+ grade

Achievements

- Completed multiple fully-functional web apps within tight deadlines
- Earned consistent positive feedback for intuitive interfaces and fluid UX

Certifications & Professional Development

- **Web Designing Certificate – Inceptor School**
- Regular participant in LeetCode and HackerRank coding challenges
- Active contributor to GitHub open-source projects and tech communities

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Volunteer Work & Community Involvement

- Contributed to group projects and web development bootcamps
- Helped peers grasp key concepts in JavaScript and React
- Promoted best practices in coding and collaboration