

DAVID TSHISEKEDI

FULL STACK DEVELOPER

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TECHNICAL SKILLS

LANGUAGES: JAVA, PYTHON, JAVASCRIPT, HTML, CSS, JSX(JavaScript XML)

FRONT-END FRAMEWORKS/LIBRARIES: React, jQuery, Bootstrap, Material-UI

BACK-END FRAMEWORKS/LIBRARIES: Express.js (Node.js), Flask, Spring Boot

DATABASES: MySQL, MongoDB

CLOUD-BASED DATABASES AND OTHERS: AWS(EC2), GitHub, Git, Linux , Excellent problem-solving

TECHNICAL EXPERIENCE

Software Developer, Personal Projects

2022 to Current

(LIVE) | (GITHUB)

TV Show Rating System is a full-stack project that allows users to interact with their favorite TV shows by adding, updating, rating, and leaving comments. The project is built using Java Spring for the backend and MySQL for the database. For the frontend, a combination of JSP, CSS, and JavaScript .

- **Database Design and Optimization:** Designed a robust database schema to efficiently handle many-to-many relationships between users and TV shows, enabling seamless data storage and retrieval. Optimized database queries by implementing indexes and employing query optimization techniques, resulting in improved system performance.
- **User Authentication and Security:** Implemented user authentication and authorization using Spring Security, ensuring secure access to the system and safeguarding sensitive user information. Integrated password protection using bcrypt for user registration and login functionalities, enhancing system security.
- **RESTful API Development:** Created RESTful API endpoints to facilitate seamless CRUD operations on TV shows and user ratings, providing users with an effortless way to interact with the system. Developed a recommendation engine using collaborative filtering techniques, offering personalized TV show suggestions based on user ratings.
- **User Interaction and Engagement:** Incorporated user comment functionality for TV shows, fostering user engagement and encouraging discussions within the system. Implemented pagination and caching mechanisms to enhance the user experience and optimize system responsiveness.
- **Frontend Design and User Interface:** Developed a user-friendly interface using JavaServer Pages (JSP) and Bootstrap, resulting in an appealing and intuitive system design. Ensured accessibility by adhering to web standards and best practices, enhancing usability for a diverse range of users.
- **Deployment and Scalability:** Deployed the application on Amazon Web Services (AWS) to ensure scalability, reliability, and easy access for users.

LadyBag

Is a Full Stack ecommerce website built with a combination of frontend and backend technologies providing users with an intuitive shopping experience, efficient state management, secure payment processing, and effective form handling and validation.

Frontend Development:

Built the frontend using React, a popular JavaScript library for building user interfaces.

Styled and created visually appealing components following the Material Design guidelines, using Material-UI.

Implemented Redux for state management, ensuring a centralized and predictable way to manage the application state.

Utilized React Formik for form handling and validation, simplifying the management of forms in the application.

Ensured a responsive user interface for seamless user interactions and an enhanced user experience.

Payment Processing and Security:

Integrated Stripe for secure payment processing, enabling users to make payments seamlessly and safely.

Implemented robust security measures to protect sensitive payment information and ensure a secure checkout experience.

Backend Development:

Utilized Strappy as the backend framework, providing a flexible and efficient RESTful API layer.

Established data interactions with the Strappy backend to store and retrieve product information from the database.

Ensured efficient handling of data requests for improved application performance.

WORK EXPERIENCE

Equity Bank · Bank Associate · 2017 to 2019 · Kinshasa, DR Congo

- Effectively coordinated with a dedicated team to onboard 5 new banking partners, providing exceptional service and clear communication throughout the process.
- Established strategic partnerships with multiple banks, resulting in a significant 20% increase in company revenue.
- Enhanced customer service approach, implementing training programs and revamping the portal, leading to a 30% decrease in complaints and a 15% increase in customer retention.

VTB Bank · Bank-Clerk · 2015 to 2017 · Belgorod, Russia

- Provided exceptional front-line support to banking customers, addressing an average of 75+ calls and 50+ emails daily with accuracy and attention to detail.
- Assisted 20 clients daily with troubleshooting online banking and mobile app issues, achieving a 95% first-contact resolution rate.
- Maintained a positive attitude and delivered outstanding customer service, resulting in a 95% customer satisfaction rating and strengthened customer relationships.

EDUCATION

Codin Dojo | Colorado Technical University

Certificate Software Development

Bootcamp

Coursera Google

Certificate Technical Support

Belgorod Technological University - Russia

Bachelor's Economics