Timileyin Adeleke

EXPERIENCE

Decagon Institute | Lagos, Nigeria – Associate Software Engineer

August 2022 - Present Revamped the Decapay application based on usability tests and feedback from 750+ beta testers, resulting in a faster and more reliable software application.

- Reduced project delivery time by 25% by implementing agile methodologies, resulting in improved client satisfaction and increased revenue.
- Delivered expertise on every part of the application, performing continuous deployment and integration pipelines to different environments (dev, QA, prod), with tests, static and dynamic code analysis and security audits.
- Optimized database queries, resulting in a 50% reduction in response time and an increase in system availability.
- Created technical documentation for software projects, resulting in a significant reduction in onboarding time for new team members and a reduction in customer support requests.
- Contributed expertise on the entire software development life cycle from gathering requirements to building, testing and maintaining code for an internal java tool that improved the speed of customer data requests.
- Designed and implemented RESTful APIs and OAuth2 authentication for third-party integrations, resulting in an increase in data exchange efficiency and a reduction in system errors.
- Utilized and configured JavaMail to send automated e-mail messages to customers for access codes when they attempt to login or forget their passwords.

Startupia LLC | Remote - Software Engineer

• Created REST APIs for 5 different services, resulting in a 25% increase in system efficiency and a reduction in development time compared to previous methods.

September 2019 – July 2022

- Partnered with a 10-man engineering team to plan and design the conversion of a legacy monolithic Java 8 application to a microservice architecture using Java 11.
- Developed and maintained database schemas for 3 major projects, with a total of 50 tables and 200 relationships, resulting in a 20% improvement in data retrieval and manipulation speed.
- Conducted thorough testing for all API endpoints, achieving a 99% success rate in correct functionality and preventing any major issues during production.
- Demonstrated successful communication and collaboration abilities, receiving positive feedback from team members in 95% of all project surveys.

🎤 SKILLS

Technologies: Java, Spring Boot, Spring Security, Docker, React JS, Version Control with Git and Github, Postgresql, MySQL, Apache Maven, Apache Tomcat, JUnit, Mockito, Hibernate, Log4j, Memcached, AWS, Postman, Jira, Spring Integration, Circle CI, Heroku, Swagger, Kubernetes, Thymeleaf, Javascript, Redis, Apache Kafka, RabbitMQ, NextJs, Liquibase.

PROJECTS

Decapay - <u>https://github.com/timo-shey/Decapay-Backend</u> (Java, Springboot, Hibernate, React, PostgreSQL, Git, Docker, Swagger, JUnit) - With DecaPay Budget Tracker, you can easily create a budget and track your spending in real-time. The app allows you to set financial goals and receive notifications when you exceed your budget or when bills are due, helping you avoid unnecessary fees and expenses. You can also categorize your expenses and income, so you can identify areas where you may be overspending and adjust your budget accordingly.

One of the unique features of DecaPay is its ability to analyze your spending habits and provide you with detailed reports and visualizations of your financial activity. This enables you to identify trends and patterns in your spending and take steps to improve your financial health. The app is built using Java, Springboot, Hibernate, and React, and features a PostgreSQL database for data storage.

With an intuitive user interface and straightforward navigation, DecaPay is easy to use and accessible to users of all skill levels. It is also customizable, allowing you to tailor the app to your specific financial needs and preferences. Whether you're looking to save money, get out of debt, or simply gain more control over your finances, DecaPay Budget Tracker is the perfect tool to help you achieve your financial goals.

• Sunfix - <u>https://github.com/timo-shey/Movie-Recommendation-App</u> (Java, Springboot, Hibernate, Liquibase, PostgreSQL, Git, Docker, JUnit) - The application is designed to provide users with an immersive and engaging movie-watching experience. The web application's interface is user-friendly and easy to navigate, allowing users to quickly search for movies based on their preferred genre, director, or actor. In addition to searching for movies, users can also rate them on a scale of 1-5, providing valuable feedback to other users and helping the system to generate more accurate recommendations.

The rating system is intuitive and easy to use, and users can see the current average rating of each movie on the interface, helping them make informed decisions about what to watch next. One of the key features of the movie search application is the personalized recommendation engine. This engine analyzes user preferences, such as previous ratings, genres, and directors, to generate customized movie suggestions that match their interests.

This feature is designed to save users time and effort in finding the perfect movie to watch, while also enhancing their overall movie-watching experience. The application is constantly updated with the latest movies, ensuring that users have access to the most current and relevant content. The application also allows users to save their favorite movies and create watchlists, making it easy to find and watch their preferred movies at any time.

- SpringPay <u>https://github.com/timo-shey/E-Commerce-App-Backend</u> (Spring Boot, Java, Postgres, Postman, JUnit, Spring Integration, Git, Hibernate.) SpringPay is a powerful backend application that simplifies the e-commerce experience for merchants. Developed using the Spring Boot framework and integrated with the Stripe payment platform, SpringPay provides a comprehensive solution for managing products, orders, and customers. With SpringPay, merchants can easily add, edit, and delete products, as well as view order history and manage customer information, all from a single platform. The integration with Stripe ensures that payment transactions are secure, fast, and seamless, providing peace of mind for both merchants and customers. SpringPay is the ideal solution for businesses looking to streamline their e-commerce operations and provide a superior customer experience.
- ShareTrader https://github.com/timo-shey/ShareTrader (Spring Boot, Java, Postgres, Spring Integration, Git, Docker, Hibernate, Spring Security, Thymeleaf) ShareTrader is a sophisticated web application designed for experienced investors and traders in the stock market. The platform is built with cutting-edge technologies such as Spring Boot, Java, Postgres, Spring Integration, Git, Docker, Hibernate, and Thymeleaf to provide a secure and efficient trading experience. ShareTrader enables traders to easily create an account and access real-time market data, allowing them to make informed decisions on their investments. The platform offers features such as customizable watchlists, alerts, and market news to keep traders up-to-date with the latest information that can affect their trades.

Additionally, ShareTrader offers a comprehensive portfolio management system that enables traders to monitor their investments, track their performance, and generate reports. The user-friendly interface of ShareTrader makes it easy for traders to navigate through the platform and execute trades quickly and efficiently. Traders can easily buy and sell shares, view their trading history, and track their orders. The system is designed to be secure, with features such as two-factor authentication, SSL encryption, and access control, ensuring that traders' personal and financial information is protected.

• RemindMeText - <u>https://github.com/timo-shey/RemindMeText</u> (Spring Boot, Java, Postgres, Postman, Spring Security, Hibernate, Git, Docker, JUnit, Spring Integration) - RemindMeText is a user-friendly web app that enables users to set reminders for important events and occasions of their loved ones. With RemindMeText, users can schedule and send customized text reminders to themselves, ensuring that they never miss an important date again. The Twilio API was integrated into the app. RemindMeText is the perfect solution for busy individuals who value meaningful connections and want to stay organized without any additional effort.

EDUCATION

University of Ibadan, Nigeria — M.Sc. Human Resources Management University of Ibadan, Nigeria — B.Sc. Psychology *April* 2017 - November 2019 *August* 2011 - November 2015