McDonald Musimwa
Full Stack Software Developer

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Languages

- Java Script
- Python
- PHP
- SQL
- HTML
- CSS

Frame works

- React
- Express
- Node Js

Tools

- MySQL
- Mongo DB
- Apache
- Photoshop
- Git

Project Experience

Task Manager – Task management Restful API.

- Developed a Restful API using Node.js, Express, and Mongo DB to facilitate task management for individuals and teams.
- Designed and implemented a robust data model to store tasks, including attributes such as title, description, status, due date, and assigned users.
- Implemented CRUD (Create, Read, Update, and Delete) operations to allow users to create, view, update, and delete tasks.
- Integrated authentication and authorization mechanisms, such as JWT (JSON Web Tokens), to ensure secure access to the API endpoints.
- Implemented features for task assignment, enabling users to assign tasks to themselves or other team members.
- Developed filtering and sorting capabilities to allow users to search and organize tasks based on various criteria.
- Implemented pagination to efficiently handle large sets of tasks and improve API performance.
- Leveraged error handling and validation techniques to provide informative and user-friendly error messages.
- Integrated Google OAuth for secure user authentication, allowing users to log in to the application using their Google accounts.
- Conducted thorough testing and debugging to ensure the reliability and stability of the API.

  By leveraging my skills in building Restful APIs, implementing CRUD operations, and incorporating various features for task management, I have created a robust and efficient system that empowers users to effectively manage their tasks. Skills and attention to detail to ensure a seamless user experience for both businesses and clients.
  Status: Currently building front end with React
  Source Code: https://github.com/McDonaldMusimwa/taskatar.git

Work Experience

Financial Accountant Mar 2017 – 2023
Forever Living Products Cape town, Western Cape South Africa

Experienced Financial Accountant with a proven track record of managing financial administration for multiple branches in different countries. Skilled in analyzing financial data and improving profitability.

- Recovered stock worth over R100,000 by improving accuracy in stock reports through communication with stock controller and financial manager.
- Prepared income statements and balance sheets for up to 3 branches (entities).
- Increased profitability by 10% by identifying and eliminating unnecessary expenses.
- Coordinated with a team of 4 bookkeepers in sourcing documents and reports for preparation of year financial statements.

Education
Brigham Young University–Idaho Apr 2022 – Apr 2025
Bachelors of Science in Applied Technology Rexburg, Idaho, U.S.A.

- Application of new technology
- Converting software requirements into code
- Understand principles of programming and design