

Tibesigwa Dankan

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github.com/tibz-dankan

WORK EXPERIENCE (PROJECTS)

Letschat – chat application

- Created a full-fledged real-time chat application using Javascript , React, Nodejs, MySQL, SCSS and Prisma.
- Implemented user authentication using JWT generated on the backend and stored in local storage on the frontend.
- Implemented real time chat functionality using websockets both on the frontend and backend to allow instant exchange of messages.

Abacus uganda – Loan application system

- Developed a loan application system for Abacus Finance Uganda using Javascript, Nodejs, Postgresql, EJS, Prisma and TailwindCSS.
- Implemented Restful API endpoints to facilitate user authentication and loan application functionalities.
- Created a programmatic email service using Sendgrid email API to automatically send contact messages to the admin.

String Analyser – Text analysis tool

- Developed a tool that analyzes the text for alphabetic, numeric, and symbolic characters and displays the results in a table.
- Implemented using Typescript, React and SCSS, this tool uses regular expressions to match characters in the text.

EDUCATION

Makerere University – Bachelors of Science in Computer Science

Jan. 2021 - present

Computer Science
Coursework

Data Structures, Algorithms, Programming Languages, Object Oriented
Programming.

Mandela SS Hoima – A level, PCM/ICT, 10 points

Feb. 2018 - Nov.2019

Mandela SS Hoima – O level, 14 aggregates

Feb. 2014 - Nov.2017

TECHNICAL SKILLS

Proficient Languages And Frameworks

JavaScript, Typescript, React, Nodejs, Redux, Express

Knowledgeable Languages And Frameworks

C, Java, Python, SQL

Tools

Git, HTML, CSS, Linux, Jest, GraphQL