

# Tibesigwa Dankan

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github.com/tibz-dankan

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## 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(*finalist*)

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