

# Abdul Razak Mohammed

## Software Developer

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## Relevant Experience

### IT Support @ Headquarters Southern Command

October 2021 – August 2022

As part of my mandatory national service, I worked at the Headquarters of the Southern Command of the Ghana Armed Forces. Some of my duties included:

- Diagnosing and troubleshooting software and hardware related issues in various offices.
- Providing technical expertise on various computer related problems.
- Setting up new and existing hardware.

## Projects

### Full Stack Twitter Clone

<https://github.com/razak17/howdy-ui>

- Built a full stack React application that allows users to post, like, comment on posts and follow other users.
- Built a backend server with Node, Express and MongoDB to store user details.
- Implemented JWT authentication to get user info and store user credentials.
- Integrated Firebase into the project to store images uploaded through the application.

### Full Stack YouTube Clone

<https://github.com/razak17/youtube-clone-frontend>

- Built a YouTube clone with React and Material UI.
- Built a backend server with Node and Express using the MVC architecture.
- Implemented JWT authentication as well as Google authentication with Firebase.
- Stored user info in a MongoDB cluster while uploaded videos were stored in Firebase.

### Video Sharing Web Application

<https://github.com/razak17/howdy>

- Built a TikTok like web app with Nextjs, Tailwind and Sanity where users can share short videos.
- Users to upload videos, like and comment on videos.
- Implemented authentication using Firebase.
- Implemented sanity backend to store all user data and assets.

### Sorting Algorithm Visualizer

<https://github.com/razak17/algo-visualizer>

- Built a React Application to visualize various sorting algorithms.
- Implemented Merge Sort, Bubble Sort, Selection Sort and a few others.
- Ability to visualize, compare and contrast their time complexities.

## Skills

### Programming Languages

JavaScript, TypeScript, HTML, CSS, GraphQL, Python, Bash, Go, C, SQL

### Libraries & Frameworks

React, Node.js, Express, Flask, Fastify

### Tools & Platforms

Git, Docker, Firebase, Vercel, Netlify, Heroku, Google Cloud

### Databases

Postgresql, MySQL, MongoDB

### Development Tools

Arch Linux, DWM, Git, VS Code, Image Magick, Neovim, Kitty

## Education

### University of Ghana

2017 – 2022

Bachelor of Science in Information Technology.

## Interests

Chess, running, traveling, reading, football