



Gstudios

Top Kenyan Graphics design Marketplace





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Team Members



I am the Sole developer.

Reason

1. Chance to test my skills
2. Discover knowledge gap



Project Inspiration

Being a Graphics Designer, I have not found a professional platform for Kenyan based graphics designers. A platform where they can showcase themselves and offer links to their portfolios.

Gstudios aims to showcase graphics designers from Kenya to potential clients and customers. In addition, the site will showcase their work.



Architecture and Technology



Flask





Core Algorithms

Gstudios uses supabase to on the backend to host databases and also to store data. A database table called designers stores all the designers data that is displayed in the frontend. A JavaScript function is used to get all the data from the backend to front end-



Code Snippet

```
// Fetch designer data from Supabase (specific columns)

async function fetchDesignersData() {

  try {

    const { data: designers, error } = await supabase

      .from('designers')

      .select('name, email, portfolio_link, profile_picture, bio,

type_of_designer, "Gender"');

    if (error) {

      console.error('Error fetching data:', error.message);

      return;
    }
  }
}
```

```
// Clear any existing content

// container.innerHTML = "";

// Iterate through designers and display their information

designers.forEach((designer) => {

  const designerInfo = document.createElement('div');

  designerInfo.classList.add('col', 'border', 'border-danger');

  // Add Bootstrap classes

  // container.appendChild(designerInfo);
}
```



Process and Timeline

Week 1 - Created the front end of the website using HTML, CSS and Bootstrap. Created the flask backend application. Started on API routes for dashboard, signup/login and designers.

Week 2 -

Testing of APIs. Rewriting the queries for designers section in Javascript.



Challenges Overcome

The main challenge overcome was dynamically listing data from the supabase database in the backend and then formatting the display of the data to appear on the website. This allows for automatic update on the front end when a new designer is added.



Technical Interest

New interest I developed during the whole process is - Row Level Security for databases, PostgreSQL, bootstrap and deep knowledge of APIs.