



**MBARARA UNIVERSITY OF SCIENCE AND TECHNOLOGY**

**FACULTY OF COMPUTING AND INFORMATICS**

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

**Course Unit: Web Development**

**Academic Year: 2022/2023**

**Semester Two**

**Assignment Number: Two**

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**Reg No.:2021/BCS/104/PS**

# A REPORT FOR A RESPONSIVE PERSONAL PORTFOLIO WEBSITE PROJECT

## #DANIE PROFILES

### Project Title:

Responsive Personal Portfolio Website.

### Project Description:

This is my responsive personal portfolio website created using Django, HTML, CSS, and JavaScript and it showcases my skills, projects, and accomplishments. This portfolio website serves as an online representation of my work and provides a platform for me to demonstrate my technical abilities and creativity.

It also provides an account creation section where an individual interested in creating a portfolio using my template can log in, add their details and also make some payment.

<http://127.0.0.1:8000/>

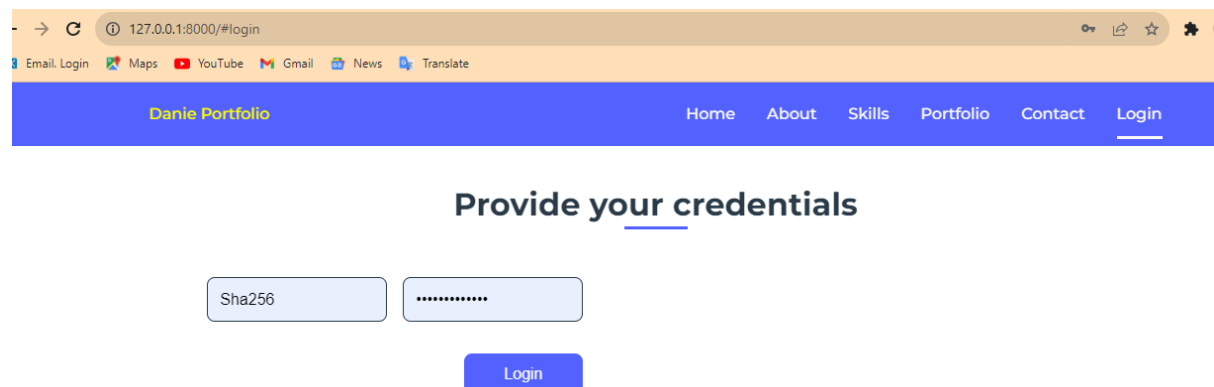
This is the link to my github repository

<https://github.com/Abaasa/django/tree/main/portfolio>

### Key Features:

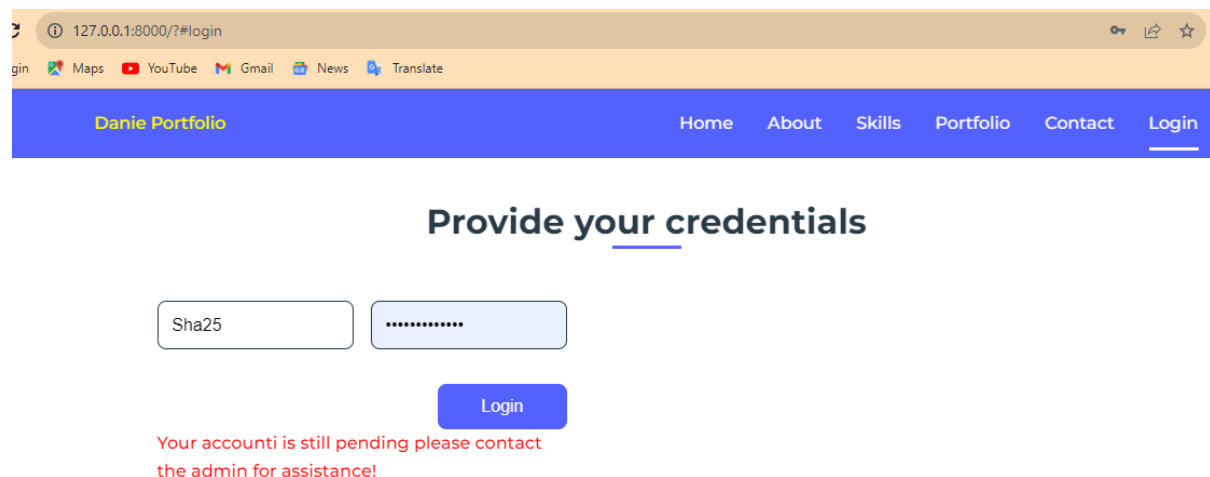
### Log in Section:

This is a section where one inputs their credentials in order to log in and create an account.



The screenshot shows a web browser window with the address bar displaying "127.0.0.1:8000/#login". The browser's address bar also shows "Email Login", "Maps", "YouTube", "Gmail", "News", and "Translate". The website's header is blue with the text "Danie Portfolio" on the left and navigation links "Home", "About", "Skills", "Portfolio", "Contact", and "Login" on the right. The "Login" link is underlined. Below the header, the text "Provide your credentials" is centered. Underneath this text are two input fields: the first contains the text "Sha256" and the second contains a series of dots. Below these fields is a blue button labeled "Login".

In case the person inputs the wrong credentials, the system requests them to contact the admin for assistance.

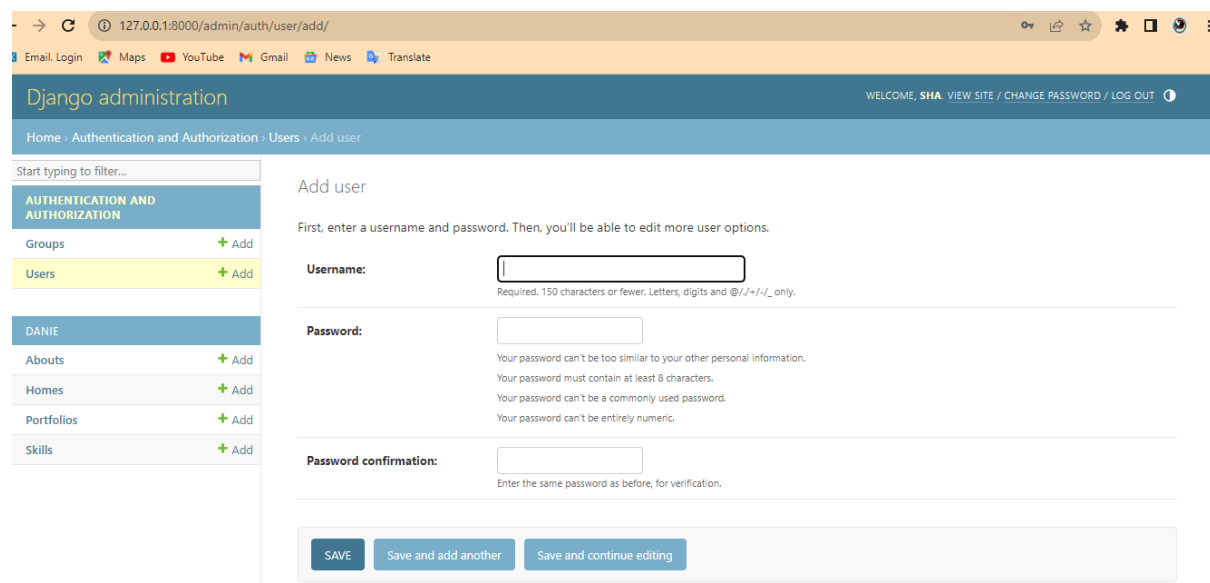


The screenshot shows a web browser at the address 127.0.0.1:8000/?#login. The page has a blue header with the site name 'Danie Portfolio' and navigation links: Home, About, Skills, Portfolio, Contact, and Login. The main content area is titled 'Provide your credentials' and contains a login form with two input fields: one for the username 'Sha25' and another for a password represented by dots. Below the fields is a blue 'Login' button. A red error message is displayed: 'Your account is still pending please contact the admin for assistance!'.

## User Authorization:

Here the user adds their credentials in order to gain authorization to and create a profile.

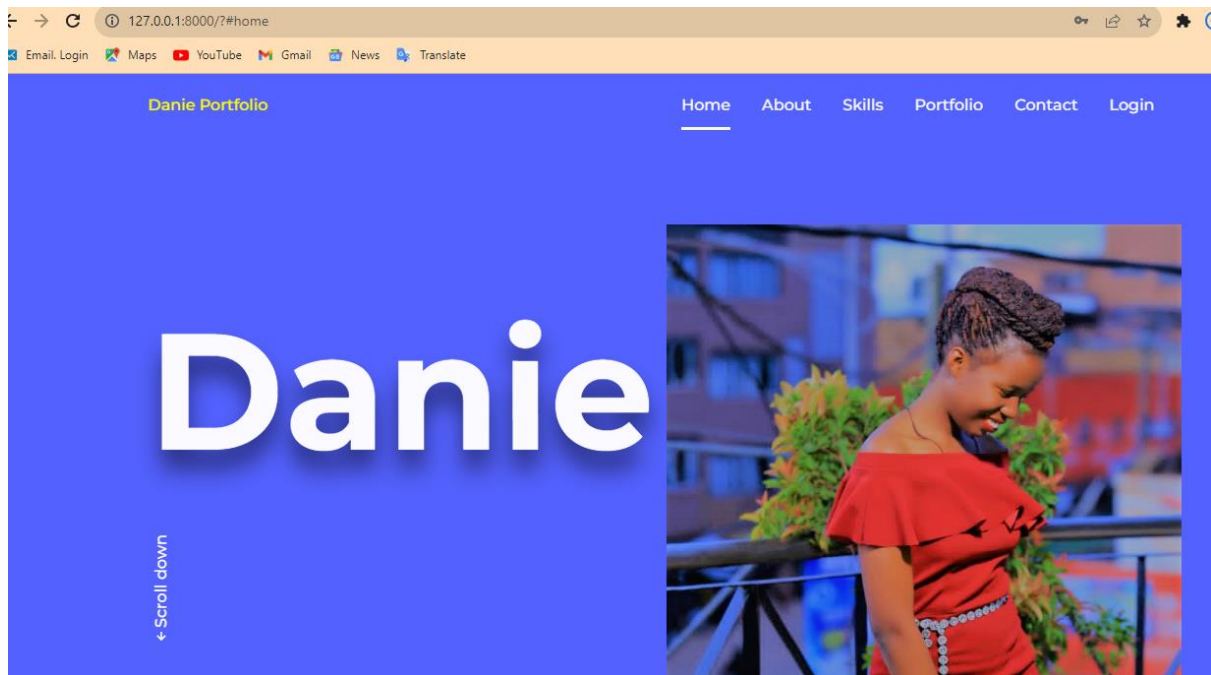
At the moment am the only user so the modules below are for my site.



The screenshot shows the Django administration interface at the URL 127.0.0.1:8000/admin/auth/user/add/. The page title is 'Django administration' and the user is logged in as 'SHA'. The breadcrumb trail is 'Home > Authentication and Authorization > Users > Add user'. On the left is a sidebar menu with categories 'AUTHENTICATION AND AUTHORIZATION' (containing Groups and Users) and 'DANIE' (containing Abouts, Homes, Portfolios, and Skills). The main content area is titled 'Add user' and includes instructions: 'First, enter a username and password. Then, you'll be able to edit more user options.' The form has three input fields: 'Username' (with a note: 'Required. 150 characters or fewer. Letters, digits and @/./+/-/\_ only.'), 'Password' (with multiple validation notes: 'Your password can't be too similar to your other personal information.', 'Your password must contain at least 8 characters.', 'Your password can't be a commonly used password.', and 'Your password can't be entirely numeric.'), and 'Password confirmation' (with a note: 'Enter the same password as before, for verification.'). At the bottom are three buttons: 'SAVE', 'Save and add another', and 'Save and continue editing'.

## Home Page:

- **Introduction:** A brief introduction about myself, highlighting my skills and passions that are added dynamically from the django administration dashboard
- **Profile Image:** Displays a professional profile picture.



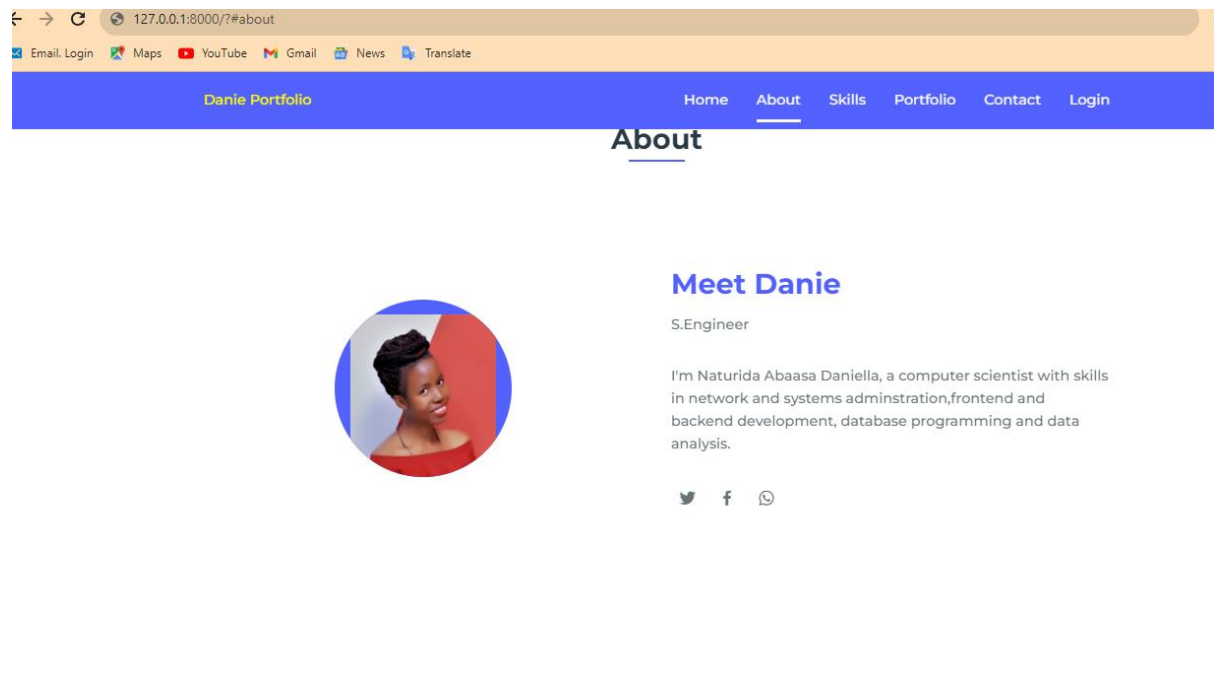
For the home page, this is how one is able to add their details so that information is picked from the database to the display page.

A screenshot of the Django administration interface for adding a new home page. The browser address bar shows '127.0.0.1:8000/admin/danie/home/add/'. The page title is 'Django administration' and the breadcrumb trail is 'Home > Danie > Homes > Add home'. On the left is a sidebar menu with categories: 'AUTHENTICATION AND AUTHORIZATION' (Groups, Users) and 'DANIE' (Abouts, Homes, Portfolios, Skills). The 'Homes' item is highlighted. The main form area is titled 'Add home' and contains fields for 'Name:', 'Greetings 1:', 'Greetings 2:', and 'Picture:'. The 'Picture' field has a 'Choose File' button and the text 'No file chosen'. At the bottom are three buttons: 'SAVE', 'Save and add another', and 'Save and continue editing'.

## About Page:

**Detailed Information:** Provides an in-depth overview of my background, education, work experience, and interests.

**Social Media Links:** Includes links to my different social media profiles for visitors to connect with me.




127.0.0.1:8000/?#about

Email, Login Maps YouTube Gmail News Translate

Danie Portfolio Home About Skills Portfolio Contact Login

### About

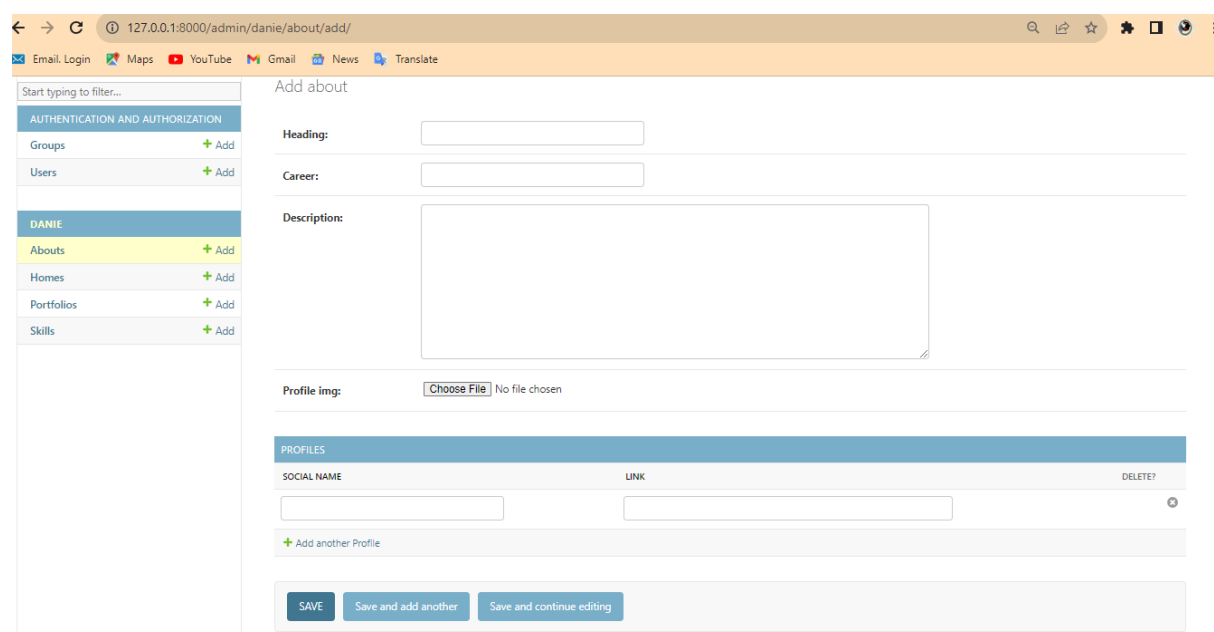


### Meet Danie

S.Engineer

I'm Naturida Abaasa Daniella, a computer scientist with skills in network and systems administration, frontend and backend development, database programming and data analysis.

Twitter Facebook WhatsApp

127.0.0.1:8000/admin/danie/about/add/

Email, Login Maps YouTube Gmail News Translate

Start typing to filter...

AUTHENTICATION AND AUTHORIZATION

- Groups + Add
- Users + Add

DANIE

- Abouts + Add
- Homes + Add
- Portfolios + Add
- Skills + Add

### Add about

Heading:

Career:

Description:

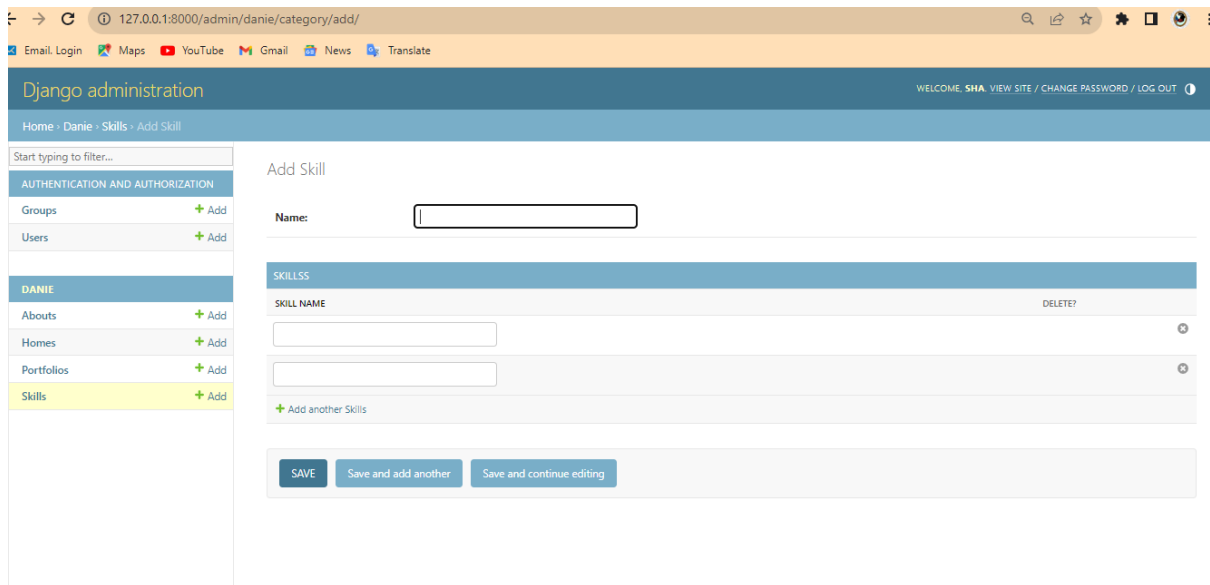
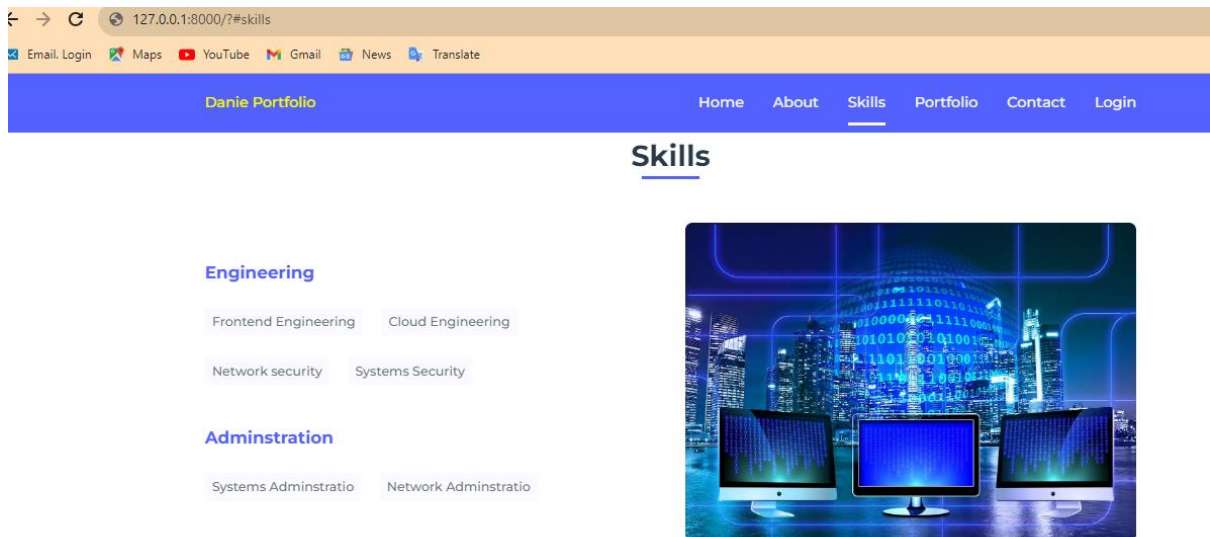
Profile img:  No file chosen

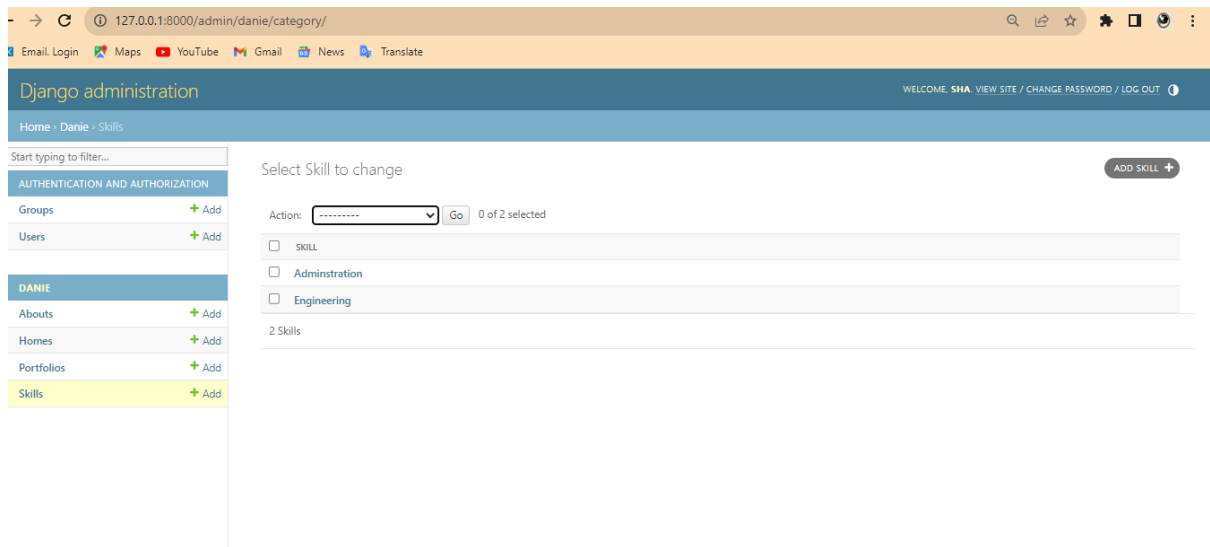
PROFILES		
SOCIAL NAME	LINK	DELETE?
<input type="text"/>	<input type="text"/>	<input type="button" value="X"/>

+ Add another Profile

## Skills Page:

**Skill Showcase:** Displays a list of the various skills I possess, such as programming languages, frameworks, tools, etc.





## Contact Page:

**Contact Information:** Provides detailed contact information, including email address, phone number.



## Contact

### EMAIL

naturindaabaasa@gmail.com

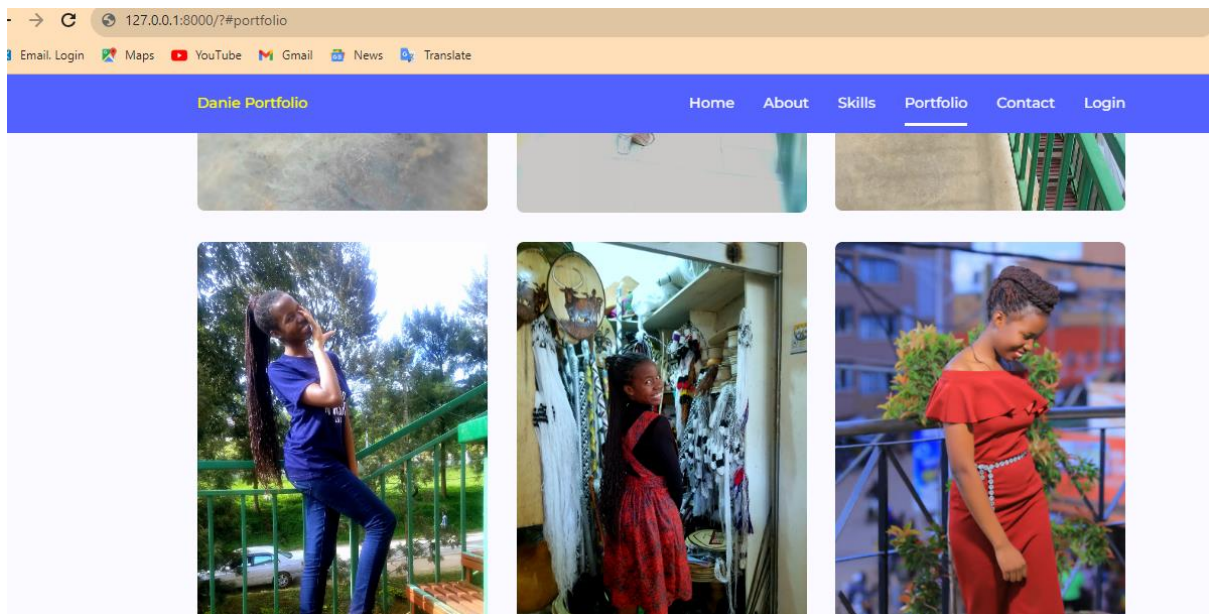
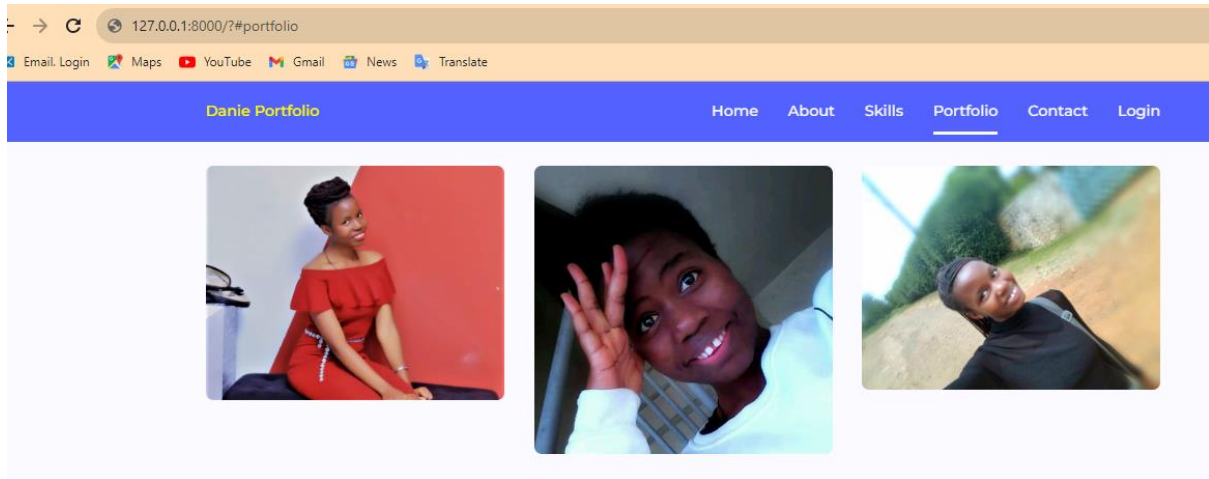
### PHONE

+256-761815505

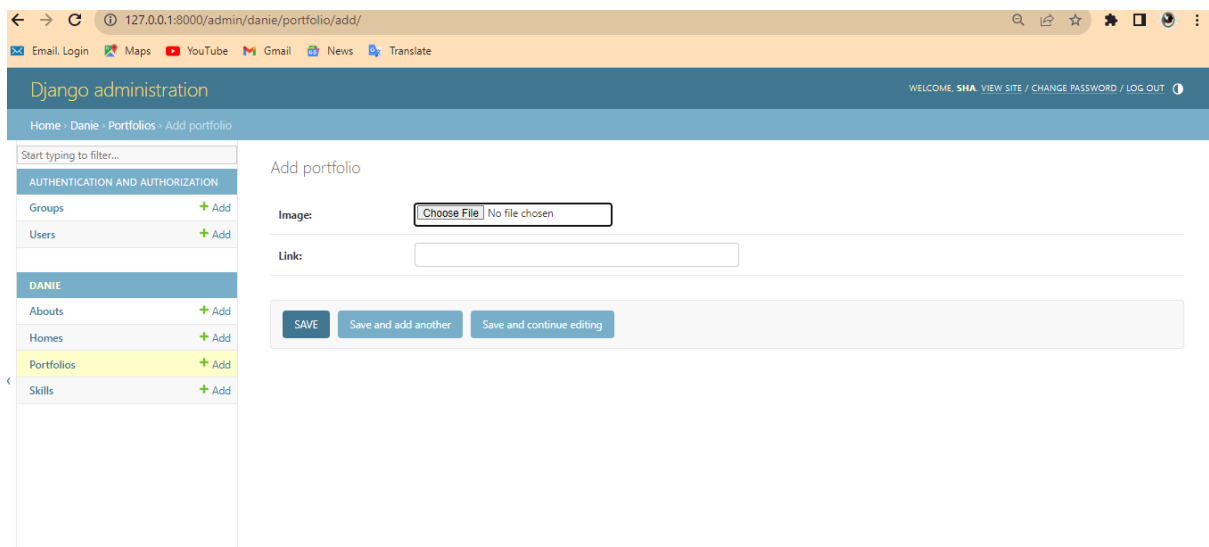
## Portfolio Page:

**Project Display:** Showcases my projects with project names, descriptions, images.

**Project Filtering:** Implements a category or tag-based filtering system to help visitors sort through my various projects.

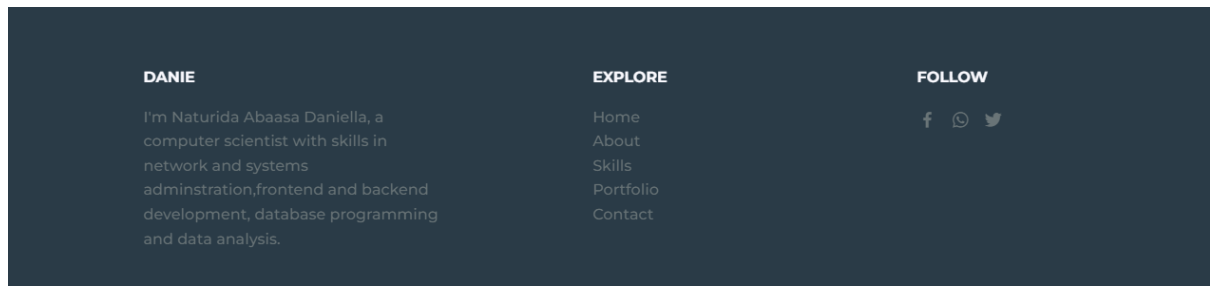


## Admin portfolio dashboard





## Footer:



**Useful Links:** Include links to my social media platforms for easy connectivity.

**Highlights:** Shares some key highlights about yourself, such as achievements or goals.

## Responsive Design:

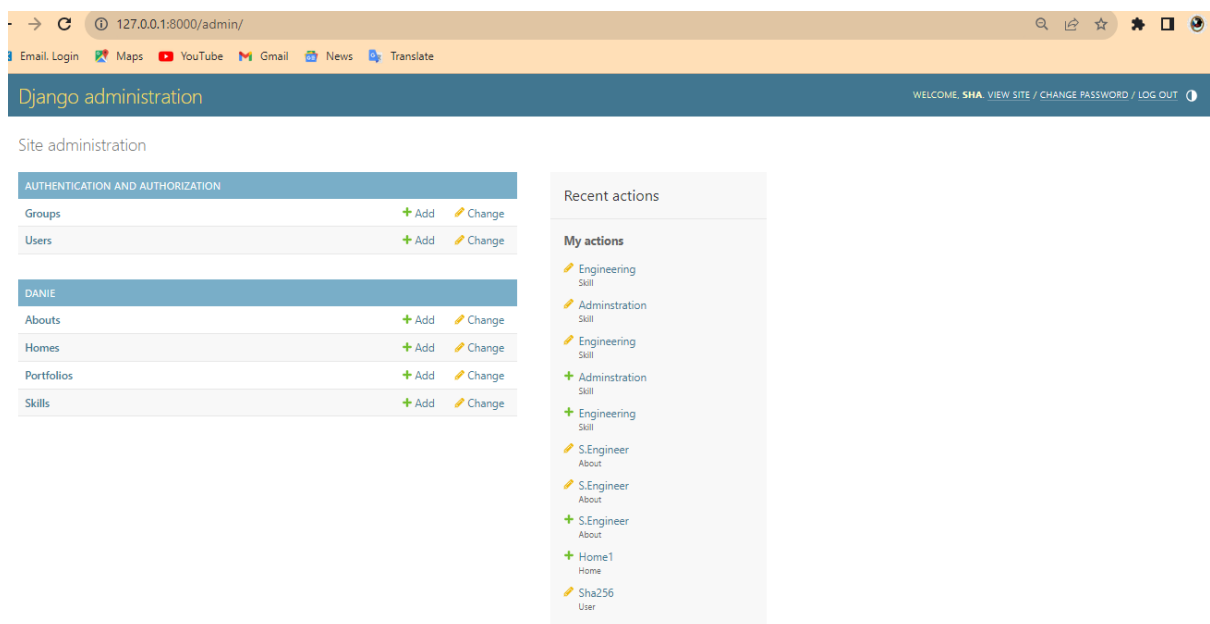
Danie profiles ensures that the website is responsive and looks great on various devices, including desktops, tablets, and smartphones.

## Interactive Elements:

Danie profiles uses JavaScript to add interactive elements like animations, transitions, and dynamic effects to enhance user experience.

## Admin Panel:

I implemented Django's admin panel to manage the content of my portfolio, including projects, blog posts, and other site details.



**Deployment:**

I hope to deploy the website using platforms like Heroku or AWS, in order to ensure it's accessible online.

**SEO Optimization:**

I optimized the website for search engines by using proper HTML tags, meta descriptions, and relevant keywords.

**Version Control:**

I use Git for version control to track changes and collaborate effectively on my project.

**Conclusion:**

By creating this dynamic personal portfolio website, I am not only showcasing my technical skills but also demonstrating my ability to build full-stack web applications using Django, HTML, CSS, and JavaScript. This project will also help interested individuals to create their portfolios and host at a friendly fee. This project will serve as an excellent addition to my portfolio itself and provide a platform to impress potential employers or clients.