

**JEFFIN DERICKS J**  
**FULL-STACK DEVELOPER**  
<https://jeffindericks.github.io/My-Portfolio/>

## CONTACT INFORMATION

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## TECHNICAL SKILLS

- Python
- HTML5
- CSS3
- JavaScript
- Media-Query
- **Front-End Framework**  
React-JS
- **Back-End Framework**  
Python-Flask
- **Databases**  
SQLite, MySQL, MongoDB
- **Version Control**  
GitHub

## PROJECTS

### BACK-END PROJECTS

Source Code: <https://github.com/JeffinDericks>

#### Finance Management (Python-Flask, API Integration, SQLite, HTML5, CSS3)

- Integrated real-time bank values from an external source using API into a user-friendly HTML/CSS frontend with CRUD functionality, fostering a dynamic and responsive financial data interaction
- Established a secure login/logout system using SQLite, ensuring data integrity and user authentication in the Finance Management system.

**Youtube Link** - <https://youtu.be/oDzovkHpHQA?si=tCLGesK26OEA-90N>

#### Library Management: (Python-Flask, MongoDB, HTML5, CSS3)

- Led the development of a robust Library Management system, utilizing Python Flask and MongoDB for efficient data storage and retrieval.
- Implemented a secure login/logout system, ensuring controlled access and user authentication in the Library Management system. Additionally, designed a user-friendly HTML/CSS frontend with CRUD functionality for seamless management of library resources.

**Youtube Link** - <https://youtu.be/PkctLiSgrWE?si=S1uo0U5Fz8TuWsN->

#### Weather Application: (Python-Flask, API Integration, HTML5, CSS3)

- Developed a Weather Application utilizing an API, with real-time and up-to-date weather data sourced from Open-Weather-Map.
- Utilized Postman for clarity on JSON values, streamlining the process of retrieving and integrating the most recent weather information into the application's user interface.

**Youtube Link** - <https://youtu.be/LGka-5xnRIs?si=mVfroidDOdmUW2xl>

#### Instagram Clone: (Python-Flask, SQLite, HTML5, CSS3)

- Instagram Clone with a secure login/logout setup using Python Flask and SQLite for data storage.
- Implemented key features such as like count, search feed, and photo uploading, complemented by a visually appealing HTML/CSS frontend for an engaging user experience.

**Youtube Link** - <https://youtu.be/LVnMZ8qanCA?si=rgf1g0siDxm0ZZSk>

**Netflix Clone: (Python-Flask, SQLite, HTML5, CSS3)**

- Developed a Netflix Clone with Python Flask, SQLite, and Pytube for seamless online content integration.
- Implemented secure login/logout, video access, and designed an immersive HTML/CSS frontend emulating Netflix's interface.

**Distance Calculator: (Python-Flask, HTML5, CSS3)**

- Implemented a Distance Calculator using the GeoPy package in a Python Flask application, ensuring highly accurate distance measurements
- Developed a Python-based solution for accurate distance calculations, enhancing the reliability of location-based computations.

**FRONT-END PROJECT**

**Big Basket Clone: (React-JS, Media-Query, SASS)**

- Developed a responsive e-commerce platform with React-JS, Sass, and media queries, ensuring an adaptive user experience. Implemented core e-commerce features, including product search, seamless product addition to the cart, and an intuitive checkout process.
- Leveraged React-JS best practices and Sass for efficient styling, ensuring modular and organized code. Comprehensive documentation was provided for future reference and deployment.

**GitHub Link:** <https://jeffindericks.github.io/React-Big-Basket/>

**EDUCATION**

<b>M.Sc. Physics</b>	06/2021 – 05/2023
Bishop Heber College, Trichy.	
CGPA – 8/10	
<b>B.Sc. Physics</b>	06/2018 – 05/2021
Bishop Heber College, Trichy.	
CGPA – 8/10	

**CERTIFICATES**

<b>Full-Stack Development Course</b>	06/2023 - 01/2024
Fabevy Technology Pvt. Ltd., Chennai	
<b>Printed Circuit Board Designing</b>	08/2022 - 09/2022
Hitakey Infosys, Trichy	
<b>Type Writing - English - Senior Level</b>	06/2015 - 02/2016
Department of Technical Education, Chennai	