

# YOUSAF ALI BP

BSC PHYSICS STUDENT | FRONT-END  
DEVELOPER | ANDROID DEVELOPER |  
PYTHON PROGRAMMER

+91 7034623876

bpyousafali@gmail.com

Yousaf Ali BP

Yousaf-Ali-BP

www.reallygreatsite.com

Puthanangadi PO ,  
Angadipuram

## PROJECTS

### Personal Portfolio Website (Bootstrap)

- Designed and developed a responsive personal portfolio using Bootstrap. Includes sections for projects, skills, and contact with a clean, professional layout.
- Technologies Used: **HTML, CSS, Bootstrap**

### Mock Old Facebook Login Page

- Created a static replica of the old Facebook login page with jQuery-based form validation to simulate real-world functionality.
- Technologies Used: **HTML, CSS, jQuery**

### Mock YouTube Homepage

- Developed a static webpage resembling YouTube's desktop homepage, focusing on layout design and UI consistency.
- Technologies Used: **HTML, CSS**

### Classic Calculator with 3D Effects

- Built a functional calculator with advanced button animations and 3D effects using gradients. The project is fully responsive across different screen sizes.
- Technologies Used: **HTML, CSS, JavaScript**

### Android Portfolio App

- Created an Android portfolio app to display skills and projects with a simple layout featuring text and image fields.
- Technologies Used: **Java, XML**

### Counter App

- Developed an Android app with buttons to increase, decrease, and reset values, providing a user-friendly interface.
- Technologies Used: **Java, XML**

### Web Viewer App

- Built a WebView-based Android app with integrated navigation options, including forward, backward, reload, and home buttons.
- Technologies Used: **Java, XML**

### Physics Project: Hollow Prism Spectroscopy for Quantitative Analysis of Sugar Content in Soft Drinks

- Analyzed sugar content in soft drinks using hollow prism spectroscopy, measuring refractive indices with a spectrometer and validating results with a liquid lens arrangement.
- Technologies Used: **Spectrometer, Hollow Prism, Liquid Lens**

## MINI PROJECTS

**Basic Math Calculation in C** : Created a simple calculator application in C to handle basic mathematical operations.  
Technologies Used: **C**

**Guess the Number (Python)** : Developed a Python-based console game where the user guesses a random number generated by the program.  
Technologies Used: **Python**

**Random Password Generator (Python)** : Built a Python script that generates random, secure passwords based on user input for length and character types.  
Technologies Used: **Python**

**Console Calculator (Python)** : Developed a Python console-based calculator with basic arithmetic operations like addition, subtraction, multiplication, and division.  
Technologies Used: **Python**

**Pandas Data Analysis (Python)** : Implemented a data analysis system using pandas to group and analyze data about individuals' names, ages, cities, and favorite colors.  
Technologies Used: **Python, pandas**

## EDUCATION

8/2022 - Present

UNIVERSITY OF CALICUT

- Bachelor of Science in Physics

St. Mary's College, Puthanangadi

2020 - 2022

AMHSS TIRURKAD

- Higher Secondary - Science  
Kerala State Syllabus

## SKILLS

- Programming** : Python ,  
Java ,C
- Web Development**: HTML ,  
CSS , JavaScript , Bootstrap ,  
jQuery
- Mobile Development** :  
Android (Java , XML )
- Version Control** : Git ,  
GitHub
- Scientific Computing** :  
NumPy , Matplotlib
- Additional Skills** : OOP ,  
Problem Solving , Self  
Learning

## LANGUAGES

- Malayalam
- English