



# Sanjivram Balasubramanian

Sanjivram Balasubramanian: Crafting Solutions with Python & JavaScript!

@ [y8tireu2@gmail.com](mailto:y8tireu2@gmail.com) <https://y8tireu.github.io>

[y8tireu](https://y8tireu.github.io)

## Summary

I am Sanjivram Balasubramanian, a passionate and versatile developer specializing in crafting efficient, scalable solutions using Python, JavaScript, and modern frameworks. With expertise spanning both front-end and back-end development, I leverage tools like Flask, FastAPI, and Node.js to create seamless APIs and robust server-side logic. On the front end, I utilize frameworks such as React, Vue.js, and Angular to build dynamic and responsive web applications, coupled with styling tools like Bootstrap and Tailwind CSS for visually engaging interfaces.

In addition to web development, I am skilled in data processing and machine learning, employing libraries like NumPy, pandas, TensorFlow, and Matplotlib to extract insights and develop intelligent systems. My experience extends to game development with Pygame and creating user-friendly GUIs with Tkinter.

I am proficient in using Git and GitHub for version control and GitHub Actions for seamless CI/CD workflows. I also deploy projects efficiently through platforms like GitHub Pages, Netlify, and Vercel. With a commitment to learning, I continue to expand my expertise in Python backend development and C++ while exploring innovative technologies to enhance my capabilities.

As a strong advocate for collaboration and efficient project management, I am dedicated to delivering high-quality software solutions. Connect with me through my website, GitHub, or YouTube channel to explore my projects and insights.

## Experience

### y8tireu-llc

CEO And Founder

**December 2024 - Present**

<https://y8tireu.github.io>

## Education

### Elementary

806 Calloway Dr

Math, Science, English, Band

**August 2023 - Present**

<https://www.wcpss.net/fulleres>

## Skills

### Programming Languages

Python, CSS, JS, html, Lua

### Web Frontend Development

Responsive design and visually appealing interfaces

React, Vue.js, Angular, Bootstrap, Tailwind CSS, Foundation, Bulma

### Backend Development

API creation and server-side logic

Flask, FastAPI, Node.js, Express.js

### Data Processing and Machine Learning

NumPy, pandas, Matplotlib, Seaborn, TensorFlow, Keras

### Game Development

Game design and logic creation

Pygame, GDevelop, Unity, Scratch, Turbowarp

### Tools and Platforms

Git, GitHub, GitHub Actions, JetBrains IDEs, Ubuntu, Debian, GitHub Pages, Netlify, Vercel

## Certifications

### Meta Programming In Python

Meta

**November 30 2024**

<https://tinyurl.com/cy82namr>

### Data Analysis With Python

Freecodecamp

**December 16 2024**

<https://www.freecodecamp.org/certification/y8tireu/data-analysis-with-python-v7>

## Languages

### English

### Tamil