Vishalya Sairam

Aspiring Frontend Web Developer and UX Engineer
Email: vishalya18@gmail.com   GitHub: https://github.com/vishyyyyyyyyy

---

ABOUT ME

I'm a self motivated and hard working student passionate about bringing life into applications with creativity and functionality. I enjoy learning new technologies and practicing it to improve my skills and become a better developer.

TECHNICAL SKILLS

Languages: HTML, CSS, JavaScript, p5.js, Python, Java, GDscript
AI Tools: OpenAI GPT 5 Nano API for generation
Design: Figma, Adobe Illustrator, Adobe Photoshop, Libresprite
Other: Git, Render, Godot

PROJECTS

Rhythm Visualizer
- Developed an audio-reactive visualizer using p5.js that responds to amplitudes and mid-frequency energies via p5.FFT to a song inputted by the user.
- Implemented interactive floating hearts that grow, pop, and dodge the mouse cursor for user engagement.

Cozy Cat Planner
- **Codedex's September Monthly Challenge Winner**
- Built a full stack interactive desktop GUI application using Electron framework for stylized calendar and to-do lists with a cat dress up feature.
- Implemented multiple screens that save user sessions to build onto the cat with fur color, accessories, etc.
- Designed visuals and UI elements using Figma and created UX flows that were implemented into the app.

Bear-ly a Hero
- Developed a 2D forest adventure game in Godot about a robber bear that demonstrates animations, scene based progression and collision triggered interactions.
- Experimented with physics-based interactions, timers, and conditional triggers to create dynamic and engaging mechanics.
- Designed characters using Libresprite to create pixel art animations

---

EDUCATION   Expected 2029

University of Texas at Dallas
Bachelor of Computer Engineering

CERTIFICATIONS

The Legend of Python - 6/28/25
Codedex

The Origins I: HTML - 9/6/25
Codedex

Adobe Certified Professional in Visual Design - 12/24/2024
Adobe