Muhammad Talha

 /Talha771   in/tjbravo   talha.j771@gmail.com   +923412513771

EDUCATION

Habib University September 2020 - Current
B.S. Computer Science

Saint Michaels Convent School September 2004 - September 2018
Primary - O levels

PERSONAL PROJECTS

Personal Home Lab and Smart Home Setup | *YAML, Python, Docker,* Ongoing
- Configured diverse services: Jellyfin, Home Assistant, Transmission Daemon with public access
- Managed Docker containers for efficient deployment

Snake Xenzia Clone | *FPGA, VERILOG, XILINX VIVADO* September 2021
- Gate level recreation of the infamous snake game, with VGA video out and Cross Matrix USB Keyboard Interfacing for input.

BomberMan Clone | *C++, SDL2, SPRITE ANIMATIONS, POLYMORPHISM* December 2021 – December 2021
- Recreated the famous bomberman game in C++ using SDL2 including sprite animations
- Implemented OOP design patterns, polymorphism
- Created game mechanics from scratch

Sorting Visualizer | *Python,Tkinter,Data Structures* August 2022
- Developed a real-time sorting algorithm visualization tool using Tkinter, showcasing sorting algorithms' step-by-step processes to enhance understanding.

EXPERIENCE

Systems Limited | *Java Springboot* August 2023 – September 2023

- Gained hands-on experience in Java, Spring Boot, and SOAP/REST API development during internships.
- Participated in client meetings to observe and learn about loose coupling principles and industry practices.

Web Developer | *Multiple Clients,Shopify,Wordpress* Septemper 2021 – September 2023

- Designed and developed customized websites from scratch, ensuring constant communication with clients throughout the process.
- Conducted detailed analysis of client requirements, leading to timely delivery of websites with 90+ Google PageSpeed Score.
- Fixed a completely broken WordPress website with a corrupted database,ensuring smooth functioning, reducing time to first paint to 1.2s and loading time to be 300% better
- Aesthetic Overhaul to appeal to modern audience

Copywriter | *Multiple Clients* August 2018 – Present

- Acted as Lead Copy Writer for USbased fitness apparel company SizeUp Apparel.
- Overhauled the catalogue copy for over 100+ products.
- Coming Up with exciting, engaging copy, and eye grabbing content to convert those leads to sales. (Freelance)

SKILLS

Languages: C/C++, Python, JavaScript, HTML/CSS, CUDA , SQL LATEX
Tools: Git/GitHub, Bash, Yaml, Docker, FASTAPI