

Muhammad Tayyab

Associate Software Engineer

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SUMMARY

Proficient in core Web technologies and Computer Science fundamentals; HTML, CSS, JS, React, MERN stack, Next.js, UI libraries.

PROJECTS

DATA ANALYTICS BOOTCAMP

atomcamp

Feb 2025 - Mar 2025

- Learned about Data Literacy, Storytelling with Data, Excel (Data Cleaning, Analysis, Visualization), PowerBI/Tableau, SQL, GIS, Python, EDA.

WEATHER APP ([HTTPS://WEATHER-APP-TAYYAB.VERCEL.APP/](https://weather-app-tayyab.vercel.app/)) ([GITHUB.COM/TAYYABGOOSE/WEATHER-APP](https://github.com/tayyabgoose/weather-app))

React, TypeScript, Tailwind CSS, OpenWeatherMap API

Nov 2024

- Developed a responsive web application that fetches and displays a 4-day weather forecast using real-time data from the OpenWeatherMap API.
- Implemented a modern UI with Tailwind CSS and responsive user experience across devices.
- Optimised API calls and state management for efficiency.

MARKETMINGLE ([FIGMA PROTOTYPE](#)) ([FIGMA DESIGN](#))

FEB 2024

- Redesigned an e-commerce site to help increase conversions and boost user retention.
- The site follows best industry practices for user accessibility and ease of use.

OUTCOME-BASED EDUCATION SUPPORT SYSTEM ([HTTPS://GITHUB.COM/TAYYABGOOSE/SDA-PROJECT](https://github.com/tayyabgoose/sda-project))

FEB 2024

- C++ Console-based Application
- Libraries: iostream, fstream, string, vector, stringstream
- Implemented SOLID Design Principles

SKILLS

Web Development: HTML, CSS, JavaScript, MERN Stack, Next.js, Tailwind CSS, shadcn, Figma, Deployment, System Design, Bootstrap, jQuery, Firebase, REST API

Programming: Python, C++, OOP, DSA, Arduino, Git, SQL

Creative: UI/UX, Graphic Design, Social Media Management, Technical Writing, CAD, Photography, Videography, Adobe Photoshop, Adobe Lightroom, Adobe Premiere Pro

Management: Team Leadership, Presentation Skills, Project Management (Trello, Notion, Jira)

CERTIFICATIONS - (ALL ON [LINKEDIN](#))

- Figma - Coursera ([Course 1](#), [Course 2](#), [Course 3](#), [Course 4](#))
- Frontend Development - Scrimba ([Deploying with Netlify](#), [Learn Flexbox](#), [Intro to UI Design Fundamentals](#))
- UI/UX Competition - [SOFTEC](#)
- Case Study Marathon (Product Management) - [Programmers Force](#)
- Game Design Workshop - INDEX ([LUMS](#))

EXPERIENCE

MARKETICS - FREELANCE

Graphic Designer

Lahore, PK

DEC 2023 - March 2024

- Designed 10-12 static posts, and edited 6-8 reels per month for the content pipeline.
- Created engaging presentations, and marketing material to boost engagement and reach across social media.
- Revamped profile pictures, cover photos, and icons to maintain branding consistency and style.
- Worked for 2 different companies under the agency.

COGENT LABS

Lahore, PK

Videographer

Jul 2023

- Worked in close collaboration with the CEO to come up with ideas for new content, and creating a content funnel. Shot and edited a key video for the channel.

PUBLICATIONS

EDUCATIVE - TECHNICAL WRITING WORKSHOP

Lahore, PK

What is an NFT? (<https://www.educative.io/answers/what-is-an-nft>)

Feb 2023

The article explains NFTs, their uniqueness, minting, verification, and market dynamics. It concludes with the NFT lifecycle and a detailed breakdown of smart contracts, including a Solidity example.

EDUCATION

FAST-NUCES

Lahore, Pakistan

Bachelor of Science, Major in Computer Science; Minor in Robotics & Automation

- **CS:** Programming Fundamentals, Object Oriented Programming, Data Structures, Web Programming, Software Design & Analysis, Theory of Automata, Introduction to ICT
- **Humanities:** Marketing Management, Communication & Presentation Skills, English Language, Islamic Studies/Ethics, Pakistan Studies
- **Engineering:** Computer-Aided Design, Digital Logic Design, Engineering Mechanics - I (Statics), Linear Circuit Analysis, Robotics Design Lab - I (LEGO based)
- **Maths:** Applied Calculus, Differential Equations, Linear Algebra

BEACONHOUSE DEFENCE CAMPUS

Lahore, Pakistan

A Levels - Computer Science

- VICE PRESIDENT AND CO-FOUNDER OF THE SOCIETY OF CODING AND ROBOTICS ([INSTAGRAM.COM/BDC_ROBOTICS](https://www.instagram.com/bdc_robotics))
 - Registered 80 students as part of the club.
 - Held weekly training/development sessions for 8 weeks.
 - Presented and taught the students the basics of electronics, prototyping, and coding.
 - Acquired electronic parts and led 5+ groups to complete their Bluetooth/Infrared/Ultrasonic car projects.