

# Muhammad Tayyab

## Associate Software Engineer

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### SUMMARY

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

### PROJECTS

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**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, ostream
- Implemented SOLID Design Principles

### SKILLS

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**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](#))

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- 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

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**MARKETICS - FREELANCE**

**Lahore, PK**

**Graphic Designer**

**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.

**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**

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**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**

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**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.