# ALI EHTISHAM

Software Engineer  *  Blockchain Enthusiast  *  Crypto & Web3 advocate

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## Experience

**AirBridgeDevs**-Software Engineer                                      Oct, 2025 - Present

**Cloudpacer**-Software Engineer                                          Apr, 2025 - Oct, 2025

**VANAR (BIG IMMERSIVE)**-Blockchain Development Intern         Jun, 2024 - Aug, 2024
- Introduction to blockchain development technologies.
- Hands-on experience using Solidity, React, TypeScript, Hardhat, Node, MongoDB, and ethers.js while developing a blockchain-based copyright protection website (DATAMARK).

**Web3Pakistan**-Ambassador                                             May, 2024 - Jan, 2025
- Managing web3pak team & community.
- Organizing events on our Campus for awareness of students on blockchain & web3 technologies.
- Hosting events as a speaker.

**Confiniti**-Social Media Designer                                       Mar, 2024 - Dec, 2025
- Social Media Management.
- Social Media Content for the community including LinkedIn, Instagram, Facebook & WhatsApp.
- Hands-on experience in Canva & Figma Designs.

## Technical Skills

**Web-Tech:** Next, React, JavaScript, jQuery, JSX, Bootstrap, HTML, CSS, Typescript, Node, MongoDB, MERN

**Blockchain/WEB3:** Solidity, Ethers.js, HardHat, Remix IDE, Fundamental Analysis Crypto.

**Other Languages:** C++, C#, MySQL, Python

**Soft Skills:** Analytical, Creative, Tenacious, Problem Solving, Collaborative

## Certifications

**React, JavaScript, jQuery** ..................................................... UDEMY | Link | Feb, 2025

**Python Basics** ..................................................................... UDEMY | Link | Jan, 2025

## Education

**Bahria University/** Bachelors in Computer Science ————————————————2021 - 2025

**Garrison College Boys/** Intermediate (ICS) ————————————————————2018 - 2020

**Unique High School (UGI)/** Matriculation ————————————————————————2016 - 2018

## Final Year Project

**DATAMARK** ( Blockchain Based Content Copyright & Royalty Distribution Website)  Link | 2024 - 2025

**( Awarded certificate of appreciation & secured 3rd position out of 2 batches at FYP open-house )**

- Developed a blockchain-based copyright protection platform that enables content creators to secure ownership of digital assets.
- Utilized content hashing and user identity hashing to generate a unique fingerprint for each uploaded content.
- Combination of MetaMask wallet connection and user credentials for authentication.
- Implemented on-chain storage of copyright metadata to provide verifiable proof of ownership.
- Utilized smart contracts for selling content royalties distribution, and management.
- Designed a user-friendly web interface for content registration, verification, and royalty management.

## Semester/Personal Projects

**Movie Management System** ⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺ 🔗Link
(Manages a movies database, category-based search, and filter options)
Tech:  C#, SQL, .NET

**Cricket ScoreBoard** ⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺ 🔗Link
(Cricket Scoreboard simulation featuring team selection, toss , real-time match progress)
Tech:  C++, OOP, Graphics.h, File Handling

**FoodPanda** ⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺ 🔗Link
(Console based resturant managemnt, food ordering, delivery options, checkout, accounts)
Tech:  C++, OOP, File Handling

**Fintech App** ⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺ 🔗Link
(Digital Payment Platform featuring user authentication, account overview, bill payment )
Tech:  Flutter, SQL lite

**Calculator** ⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺ 🔗Link
(Web app featuring basic arithmetic operations with state-management)
Tech:  HTML, CSS, React,  JavaScript,  JSX

**Connect-4 game** ⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺ 🔗Link
(Web App multiplayer connect-4 game  with state-managent)
Tech: HTML, CSS, JavaScript

**Rock-Paper-Scissor** ⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺ 🔗Link
(Web App rock-paper-scissors game featuring game-score record, and results )
Tech: HTML, CSS, JavaScript, JSON objects for local storage records

## Portfolio Site

AliEhtisham.github.io ⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺ 🔗Link

## Core Course Work

| Electives: | Grades |
|---|---|
| Blockchain Technologies | A |
| Data Science | A- |
| Data Encryption & security | A |
| Software Quality Assurance | A |