



## Usman Ahmed

**Nationality:** Pakistani **Date of birth:** 05/08/2001

**Phone number:** (+92) 03060820461

**Email address:** [usmanahmedkharal@gmail.com](mailto:usmanahmedkharal@gmail.com)

**WhatsApp Messenger:** 03060820461

**LinkedIn:** <https://www.linkedin.com/in/usmanahmedgoray/>

**Website:** [usmanahmedgoray.vercel.app](https://usmanahmedgoray.vercel.app)

**Home:** Dakhana khaas Chak no. 61 R.B Bedianwala tehsil Jaranwala District  
faisalabad, 37250 Faisalabad (Pakistan)

### ABOUT ME

Full Stack Blockchain and MERN Stack Developer

I am a Bachelor of Sciences in Computer Science graduate with a deep passion for full stack Blockchain and web development, specializing in the NFTs, DAO, DeFi, Solidity Smart Contracts, Solana Programs and Dapps and MERN stack (MongoDB, Express.js, React, Node.js). As a dedicated self-learner and attentive listener, I constantly seek new challenges and opportunities to grow.

With hands-on experience in developing scalable and efficient Blockchain smart contracts, Dapps and web applications, I thrive in both collaborative and independent environments. I am eager to bring my skills and enthusiasm to your team, creating innovative and impactful digital solutions.

### EDUCATION AND TRAINING

#### Bachelor of Sciences (Computer Science)

**Government College University, Faisalabad** [ 14/10/2019 – 16/10/2023 ]

City: Faisalabad | Country: Pakistan | Website: <https://gcuf.edu.pk> | Field(s) of study: Engineering, manufacturing and construction | Final grade: A

#### Faculty of Science (Pre-Engineering)

**Board of intermediate and secondary education (B.I.S.E.) Lahore** [ 21/08/2017 – 07/10/2019 ]

City: Lahore | Country: Pakistan | Website: <https://www.biselahore.com>

#### Matric

**Board of intermediate and secondary education (B.I.S.E.) Lahore** [ 10/04/2015 – 19/08/2017 ]

City: Faisalabad | Country: Pakistan | Website: <https://www.biselahore.com/>

### WORK EXPERIENCE

#### Software Engineer

**Netixsol Private Limited** [ 16/11/2023 – Current ]

City: Faisalabad | Country: Pakistan

Software Engineer

As a Software Engineer, I have extensive experience working on projects related to Web3.0, Web2.0 and Blockchain. My role involved solving complex problems for Web3-based web applications and Secure Smart Contracts, contributing to both Full Web Development (including front-end, backend and Smart Contract integration), and develop secure smart contracts.

#### Key Projects:

1. **Blockplay**

- **Description:** A blockchain-based gaming platform that rewards users based on their scores.
- **Role:** Full Stack Blockchain Developer
- **Responsibilities:** Developed the front-end and integrated Solidity Ethereum blockchain contracts.

## 2. Nebula Skyswap

- **Description:** A DeFi decentralized exchange (DEX) similar to Uniswap, featuring token swapping, staking, and farming.
- **Role:** Full Stack Blockchain Developer
- **Responsibilities:** Developed solidity smart contracts, front-end and back-end components, integrated the back-end with the front-end, and implemented Solidity Ethereum blockchain contracts for bonds, farms, ERC-20 token swapping, MasterChef staking, and the use of and create various ERC-20 tokens such as SKY, SHUSHI, and LP tokens.

## 3. Web3Geeks

- **Description:** An online learning platform similar to Udemy, with added blockchain features.
- **Role:** Full Stack Developer
- **Responsibilities:** Currently working on both front-end and back-end development, developing and integrating blockchain technology to enable course enrollment and other unique features. This project is still under development.

## 4. SkillMatch

- **Description:** A Web 2.0 product by Netixsol Private Limited for candidate testing and job applications.
- **Role:** MERN Stack Developer
- **Responsibilities:** Developed both front-end and back-end, integrated them to provide a seamless user experience. The platform allows companies to register, receive credits based on pricing plans, post job openings, and administer online tests to candidates.

## Software engineer

**FEAT Technology Private Limited** [ 01/01/2023 – 31/10/2023 ]

City: Faisalabad | Country: Pakistan | Business or sector: Accommodation and food service activities

**Project Overview:** Developed and implemented a software solution for the food industry based on HACCP (Hazard Analysis & Critical Control Point) principles. The project included designing a comprehensive flowchart and Entity-Relationship (ER) diagram and developing a full-stack MERN (MongoDB, Express.js, React.js, Node.js) application to automate and digitize food chain processes.

### Roles and Responsibilities:

- **Full Stack MERN Developer** in a collaborative team environment.
- **UI/UX Design:** Collaborated with the team to design an intuitive user interface (UI).
- **Backend Development:** Developed the backend architecture according to client requirements and HACCP principles.
- **Integration:** Integrated the frontend and backend to create a seamless user experience.
- **Flowchart and ER Diagram Design:** Created detailed diagrams to visualize system processes and data models.

### Key Achievements:

- Successfully automated complex food industry processes, ensuring compliance with HACCP principles.
- Enhanced food safety by implementing a robust hazard analysis and critical control point system.
- Streamlined and digitized food chain operations, improving efficiency and regulatory compliance.

### Technical Skills Utilized:

- **MERN Stack:** Proficient in MongoDB, Express.js, React.js, and Node.js for full-stack development.
- **UI/UX Design:** Collaborated on user interface design to enhance user experience.
- **System Integration:** Ensured seamless integration between frontend and backend components.
- **Diagram Design:** Created comprehensive flowcharts and ER diagrams for system visualization.

### Project Impact:

- **Food Safety:** Improved food safety through systematic hazard analysis and critical control point management.
- **Efficiency:** Increased operational efficiency by automating and digitizing food industry processes.
- **Compliance:** Ensured regulatory compliance with HACCP standards, reducing risk and enhancing product quality.

## LANGUAGE SKILLS

**Mother tongue(s):** Panjabi

Other language(s):

Urdu

LISTENING B2 READING B2 WRITING C1

SPOKEN PRODUCTION B1 SPOKEN INTERACTION B1

English





LISTENING B1 READING B2 WRITING B2

SPOKEN PRODUCTION A2 SPOKEN INTERACTION A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Digital Skills - Test Results

	Information and data literacy	ADVANCED	Level 6 / 6
	Communication and collaboration	ADVANCED	Level 6 / 6
	Digital content creation	ADVANCED	Level 6 / 6
	Safety	INTERMEDIATE	Level 4 / 6
	Problem solving	ADVANCED	Level 6 / 6

Results from [self-assessment](#) based on [The Digital Competence Framework 2.1](#)

My Digital Skills

Blockchain Expert - Software Engineering Expert / Ethereum Solidity (smart contracts) / Web Development / Node.js, React.js / Smart Contract Development (Ethereum & Solana) / JSON / Web Technologies Fundamentals - HTML, CSS / Microsoft Excel / Object-Oriented Programming / RESTful api / Mongodb / Mongoose / React Frame Work / HTML / CSS / DeFi (Decentralised Finance) / Github / JavaScript / RUST Programming

HOBBIES AND INTERESTS

- Video Games
- Investing
- Book & Article Reading
- Play Cricket
- Blockchain & Dapps

HONOURS AND AWARDS

- [ 27/12/2020 ] URCOURS  
Critical Thinking- Master Decision Making & Problem Solving
- [ 23/03/2023 ] Meta  
Introduction to Front-End Development
- [ 29/02/2024 ] MongoDB University  
MongoDB Node.js Developer Path
- [ 01/03/2024 ] MongoDB University  
MongoDB Schema Design Pattern

[ 10/09/2021 ] NFTP

**NFTP Technical Domain**

[ 08/12/2020 ] URCOURS

**Non-violent Communication - Communicating for success**

[ 03/06/2022 ] Google-Coursera

**Foundations of User Experience Design**

[ 12/01/2022 ] DigiSkills

**Graphic Designer**