



Usman Ahmed

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ABOUT ME

Passionate Computer Science Graduate and MERN Stack Developer

I am a Bachelor of Science in Computer Science graduate with a deep passion for full stack web development, specializing in the 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 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

Junior Software Engineer

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

City: Faisalabad | Country: Pakistan

Junior Software Engineer

As a Junior Software Engineer, I have extensive experience working on projects related to Web3 and Blockchain. My role involved solving complex problems for Web3-based web applications, contributing to both front-end and back-end development, and integrating back-end services with smart contracts.

Key Projects:

1. Blokkplay

- **Description:** A blockchain-based gaming platform that rewards users based on their scores.

- **Role:** Front-end Developer
- **Responsibilities:** Developed the front-end and integrated Solidity Ethereum blockchain contracts.

2. Nebula Skyswap

- **Description:** A decentralized exchange (DEX) similar to Uniswap, featuring token swapping, staking, and farming.
- **Role:** Full Stack Developer
- **Responsibilities:** Developed both 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, staking, and the use of 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, 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	English
LISTENING B2 READING B2 WRITING C1	LISTENING B1 READING B2 WRITING B2
SPOKEN PRODUCTION B1 SPOKEN INTERACTION B1	SPOKEN PRODUCTION A2 SPOKEN INTERACTION A2

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

DIGITAL SKILLS

Javascript (NodeJS, ReactJS, ReactNative) / Full-Stack Development with Javascript (Nodejs + Reactjs) / Solid foundation in Backend Development: NodeJS, NestJS, etc. / UI Design (Figma, Framer) / Node JS (Express.js and MongoDB) / Frameworks: Tailwind CSS, TypeScript, React JS, Node JS

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