



# MUHAMMAD AWAIS

Web Developer

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## EDUCATION

**BS (Computer Sciences)**  
**University of Wah**  
2019 - 2024

**FCS**  
**Sir Syed College Campus 2**  
2017 - 2019

## EXPERTISE

### Front End

- HTML
- CSS
- JS
- ALPINE JS
- SASS
- TAILWIND
- BOOTSTRAP

### Back End

- C#
- C++
- PHP
- ASP.NET
- JAVA SCRIPT
- GIT

## DATABASES

- MYSQL
- Oracle
- Firebas

## Experience

June/23 - July/23  
POF (Pakistan Ordinance Factory)  
**Web Developer & Database Engineer**

I did three months Internship at POF During my internship at POF as a .NET developer, I honed my skills in developing robust and scalable web applications, gaining hands-on experience in C#, ASP.NET, and SQL Server, while contributing to the company's mission with innovative solutions.

2019 - 2024  
Upwork | Freelancer  
**Web Designer & Data Entry operator**

As a web design professional I have designed aesthetically pleasing and user friendly sites. The position of a data entry operator is very helpful in making me more careful when it comes to dealing with information. These combined skills make me a good facilitator in any digital project.

Dec/23 - Continue  
Drupak | City Trade Center, New city Phase 2, Taxila  
**Full Stack Web Developer**

I am a web developer at Drupak based with both front-end skills and back-end skills. Apart from the use of the HTML, SCSS, and Tailwind CSS to design dynamic interfaces for the frontend of websites, I also use JavaScript for dynamism and PHP and MySQL for performance on the backend server. This made me a perfectionist such that I was able to complete the projects and deliver solutions that were comprehensive and efficient.

## Languages

Punjabi  
Urdu  
English

## DIGITAL SKILLS

- MS OFFICE
- PYCHARM
- VSCODE
- VISUAL STUDIO 2022
- XAMPP
- DEV C++
- TURBO C++

## CERTIFICATION/AWARD

- WordPress Workshop
- SEO Workshop
- 2nd Position in Speed programming
- 1st position in web designing
- 2nd Position in Quiz competition
- Best project and presenter award in openhouse job fair
- SIYB Business idea seminar

## SOCIAL MEDIA

### LinkedIn

<https://www.linkedin.com/in/muhammadd-awais-9a847b213/>

### Git

<https://github.com/Awais512khaur>

### Personal Portfolio

<https://awaishour.netlify.app/>

### Instagram

[https://www.instagram.com/awais\\_khaur/?hl=en](https://www.instagram.com/awais_khaur/?hl=en)

## Projects

### VCCS (Vehicle customer care services)

(\*This is my FYP)

This Is Web based project , developed in PHP using HTML, CSS, JavaScript for data base I use My Sql In this project we have three modules Customer, Admin, Manager. Customer can create new account or log in, Customer can book appointment, View nearby outlet on google Map, see his/her billing history and can update password change email, change password etc. Manager can create an appointment slot view his outlet location on google map, Manger can register new customer, Manager can create sale, view previous sales history, Add new product, Add new service to outlet. Manager can delete update any customer data, product and service. Admin can view whole record of VCCS, admin can add new vehicle for vccs, update delete any product and service, admin can view all outlets locations on google map admin can add new outlet, add new manager new services and new category.

### Transport Management

This project is developed in C# In this project Customer can buy ticket, book more than one seats. customer select his route and system will generated bill according to price of ticket for that selected route system will show departure time of bus and bus no. Admin can view all record.

### Event Organization

This Blockchain based semester project, solidity project developed on Remix Ethereum IDE. In this project we have to module Organizer and attendee. Organizer can organize an event with specific event ID. Generate Ticket set price of ticket, organizer can check remaining tickets and check who has how many tickets. Attendee can buy ticket and transfer ticket to any other user/attendee

### Home Automation

IOT Project. In this project we convert a traditional house into smart house. All home appliances controlled by an android app. We use HC05 bluetooth module, MQ5, DHT 22 sensors to monitor temperature and Gas leakage.

## Research Interests

### Block chain

- I am passionate about delving into the intricacies of blockchain's consensus mechanisms and cryptographic principles, aiming to contribute to the development of more efficient and scalable blockchain solutions
- I am enthusiastic about researching blockchain's role in cybersecurity, aiming to develop innovative approaches that leverage distributed ledgers to fortify digital identities, thwart cyber threats, and safeguard sensitive information
- I am intrigued by the intersection of blockchain and smart contracts, and I aim to investigate how these technologies can revolutionize traditional business processes, streamline transactions, and reduce intermediaries

### Artificial Intelligence (AI)

- My research interest in AI centers around developing advanced machine learning algorithms and neural network architectures, with a focus on creating intelligent systems that can autonomously learn and adapt from complex data
- Exploring the frontiers of natural language processing and understanding is a key aspect of my AI research, as I aim to bridge the gap between human communication and computational language models
- Investigating AI's role in healthcare informatics is a core focus of my research, as I strive to develop innovative diagnostic tools and predictive models that can revolutionize patient care and medical decision-making.

### Cyber Security

- I am passionate about researching proactive threat detection and incident response strategies, aiming to create intelligent cybersecurity systems that can anticipate, mitigate, and recover from cyberattacks
- Exploring the intricate landscape of cryptography and its role in securing digital communications is a cornerstone of my cybersecurity research, as I seek to enhance the confidentiality and integrity of sensitive information
- Investigating the vulnerabilities and potential exploits within emerging technologies such as IoT (Internet of Things) and cloud computing drives my research, as I strive to fortify the interconnected digital ecosystems of the modern world