

# MUHAMMAD HASSAAN ABRAR

Full Stack PHP Developer | Drupal & WordPress |  
Theme & Plugin Development

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## ABOUT ME

An innovative and detail-oriented Full Stack PHP Developer with expertise in Drupal and WordPress customization, theme development, and plugin integration. I am passionate about building scalable and high-performance websites and specialize in crafting tailored solutions that enhance functionality and user experience.



## PROFESSIONAL EXPERIENCE

### Walqalum, Associate Software Engineer (July 2023 - Present)

**Walqalum** is a professional agency whose mission is to devise strategic and definitive path for software development and engineering.

#### My Role:

As a software engineer at "Walqalum," my role involves in:

- Crafting customized solutions for clients using innovative technologies and industry best practices.
- Executing strategic plans, ensuring the seamless delivery of software projects in alignment with our mission to provide definitive paths for software development and engineering.

#### 1. Truewebsite (Drupal)

<http://truerefrigeration.co.uk/>

True is dedicated to serve the hospitality industry. Remaining steadfast in our mission to provide a wide range of American-made commercial refrigeration products that exceed industry quality standards at competitive prices.

#### My Role:

- Developed REST APIs in Drupal to integrate with the frontend framework React, ensuring seamless data flow.
- Utilized Drupal Views to create efficient and scalable APIs.
- Worked collaboratively with a team to build a fully backend-driven system in Drupal.

#### 2. Mobile Health Map (WordPress)

<https://www.mobilehealthmap.org/>

Mobile Health Map is a platform dedicated to mapping and analyzing healthcare accessibility through clinic data and user-submitted forms. It helps organizations track and visualize healthcare impact efficiently.

#### My Role:

- Developed a custom WordPress plugin to gather data from Gravity Forms and map it to ACF repeater fields and custom post types.
- Created multiple custom plugins for enhanced functionality:
  - Clinic Post Creation: Automates clinic creation from submitted Gravity Forms data.
  - Clinic Post Type: Provides an admin interface to filter clinic data by year and ACF fields.
  - Clinic CSV Exporter: Enables exporting clinic data into CSV format.
  - Clinic CSV Importer: Allows bulk importing of clinic data while automatically updating

existing entries.

- Developed Impact Widget to display clinic-related statistics dynamically.
- Designed and implemented the UI for Single Clinic and Dashboard Page to enhance user experience.

### 3. **Securance (Drupal)**

<https://securance.com>

Securance is an informational and guide-based website providing standards and services related to SOC 2, ISAE 3402, SOC 1, and other advisory, assurance, and cybersecurity services. This multilingual platform supports four languages to cater to a global audience.

#### **My Role:**

- Developed a custom Drupal theme using Bootstrap Barrio, ensuring a modern and responsive UI.
- Created and configured custom fields and paragraph types to enhance content flexibility.
- Designed and implemented custom Drupal modules for content management.
- Built and configured sliders using Views for dynamic content presentation.
- Ensured full responsiveness across all devices and browsers.

### 4. **Securance Catcher Sites (Drupal)**

- <https://isae3402.co.uk>
- <https://soc2.co.uk>
- <https://soc2.se>
- <https://isae3402.nl>
- <https://isae3402.se>
- <https://isae3402.de>

These websites serve as catcher sites for Securance, providing specialized information on SOC2, ISAE 3402, and cybersecurity services across different regions. Each site is built using Drupal and caters to specific geographical markets.

#### **My Role:**

- Upgraded all websites from Drupal 10 to Drupal 10.4 for better performance and security.
- Updated and ensured compatibility of all modules across the sites.
- Performed site maintenance, optimizations, and bug fixes post-upgrade.

### 5. **Shumailas London (WordPress)**

<https://shumailas.com>

Shumailas London is a WordPress-based website offering services related to body treatments, hair loss treatments, and skin-related issues.

#### **My Role:**

- Fixed various WPBakery UI issues to improve the site's design and user experience.
- Developed a custom plugin to track user visits by sending an AJAX request when a session starts.
- Integrated the API endpoint:
  - Sent user details such as IP address, referrer URL, UTM parameters, device details, and geolocation.
- Worked with WP Rocket to improve page speed and optimize SEO performance.
- Addressed SEO-related issues for better search engine visibility and improved Core Web Vitals.
- Created a custom plugin to capture the user's IP address when they visit the site and send it to the administrator when they submit the Book a Consultation form via Contact Form 7.

### 6. **SOC (Drupal)**

<https://soc2.co.uk>

This website is dedicated to International Standard on Assurance Engagements 3402 and third-party assurance for service organizations. This website is developed to provide news on risk management, certification, third party assurance and other general information on ISAE 3402 and related topics.

**My Role:**

- Managed the migration of SOC2.co.uk from Drupal 8 to Drupal 10.2, including upgrades from Drupal 8.8 to Drupal 9.5, while resolving deprecated data issues in Drupal 10.2.
- Implemented fixes for deprecated data within Drupal 10.2, ensuring smooth transition and improved performance of SOC2.co.uk.

## **Kodex Tech, Associate Software Engineer (June 2022 - June 2023)**

### **1. Kodex Tech**

<http://kodextech.net/kodex/services>

**KodexTech** is a portfolio website of the company which shows all services they provide.

**My Role:**

As an Associate Software Engineer and part of the project team my responsibilities consists of:

- Developing and implementing a responsive and user-friendly website for the company, utilizing web technologies such as HTML, CSS, and JavaScript.
- Collaborated closely with a cross-functional team of designers, product managers, and QA professionals to gather requirements, provide technical insights, and ensure the successful delivery of the project.

### **2. SLNG (Drupal)**

[www.slng.com.sg](http://www.slng.com.sg)

**SLNG** is a website which is a driver and catalyst for the growth of LNG-related businesses here in Singapore, and is helping to establish the nation as an LNG hub for the region.

**My Role:**

As an assistant Drupal Developer, I worked on:

- Developing custom modules to extend Drupal's functionality and meet specific project requirements.
- Collaborating with the cross-functional team to understand business requirements and developed custom Drupal solutions which fulfill clients' need.
- Created custom Drupal modules to improve site functionality.

### **3. IPTECHVIEW (Drupal)**

<https://www.iptechview.com/>

**IPTECHVIEW** is a portfolio website which shows all products, solutions and resources of their products.

**My Role:**

I worked in the project to:

- Built custom Drupal themes and decoupled experiences for clients resulting in a 25% increase in conversions.
- Hands on Drupal development experience, as well as working knowledge of CSS/HTML
- Experience with software development, translating requirements into code

**Tools and Technologies**

Drupal 9, PHP, JavaScript, HTML, CSS, Twig templates and Themes.

### **4. Bariton**

**Bariton** is a website of the company which shows all services they provide.

**My Role:**

- Development and implementation of a responsive and user-friendly website for a

- client utilizing modern web technologies such as Drupal, HTML, CSS and ReactJS.
- Conduction thorough testing, including unit testing and end-to-end testing, to identify and resolve bugs and ensure high-quality deliverables.



## TECHNICAL SKILLS

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1. **Backend:** Drupal 9, Drupal 10, WordPress, PHP
2. **Front End:** HTML, CSS, JQuery, JavaScript.
3. **Front-end Frameworks:** Bootstrap, React Js.
4. **Web Services:** REST API



## EDUCATION

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**BS (Computer Science)** CGPA **3.41** (2018 – 2022)  
VIRTUAL UNIVERSITY OF PAKISTAN, LAHORE



## Final Year Project

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### Online Doctor Appointment System

Online Doctor Appointment System is a smart appointment system that provides to users an easy way to search a Doctor on the base of Doctor's specialization. User can see the Doctor schedule and book an appointment. Doctor can create their profile and admin will approve Doctor's profile. Once admin will profile then doctor will be shown by this system.

### My Role:

I worked in this web application to search a doctor according to specific filter (Specialization, fee, location, and availability etc.) and book an appointment according to availability, if a slot is already booked it must be marked yellow and this slot cannot be selected for booking.

**Tools and Technologies:** PHP, MySQL, Bootstrap, CSS, JavaScript and jQuery.



## MANAGEMENT EXPOSURE

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As a part of organizer team, I managed and organized Annual Dinner 2022 at **Kodex Technologies**



## HOBBIES AND ACTIVITIES

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Recreation



Travelling



Reading



Web Browsing



Sports



Photography