



## CONTACT

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## Skill

Team Leadership

MERN Stack Development,"

DevOps

Cloud Services

## Portfolio

- [Next JS Portfolio \(Up to date\)](#)
- [Vanila HTML,CSS and JS Portolio \(updated 2022\)](#)

# Muhammad Bilal

Software Engineer | MERN Stack Developer

## Personal Profile

A dedicated Results-driven MERN Stack Developer with 4 years of experience in building and optimizing scalable web applications. Proven track record in leading development teams and delivering innovative SaaS solutions. Proficient in React.js, Node.js, and cloud services, with a strong focus on performance and user experience. Committed to continuous learning and leveraging new technologies to solve complex problems.

## Education

### 2018.22 BSCS - PUCIT

During my time at PUCIT, I gained a strong foundation in computer science, learning core concepts of **data structures, algorithms, software development, and database management**. I actively participated in programming competitions.

## Experience

### 2022.23 Celestials Technologies

Contributed to API development and documentation in the Meta Clout project, while also learning Nest.js and React.js.

### 2023.24 Megaverse Technologies

Played a key role in the successful launch of Sellerdash, a Chrome extension for Daraz sellers, and contributed to multiple full-stack MERN projects.

### 2024.26 Slark Labs

Led a team of developers in the successful developmet of Wrytify and Unifyposts, enhancing the platform's scalability and integrating advanced features that improved user engagement.

# My Projects

## 1. UnifyPosts

**Role:** Lead Developer and Team Mentor

**Description:** UnifyPosts is a multi-platform social media management tool that allows users to integrate their social accounts (YouTube, X, BlueSky, Instagram, Facebook, Twitter, Pinterest, Threads) using **OAuth**, upload media schedule posts, and create graphics with a **Canva-like editor**.

### Challenges Solved:

- Implemented **OAuth** for seamless account integration across multiple platforms.
- Optimized media upload process using **presigned URLs** and **Cloudflare R2** for faster storage and retrieval.
- Integrated **BullMQ** for background task scheduling and media uploads to platforms like YouTube.

**Skill Set:** Team Leadership, **Next.js**, **Node.js**, **Express.js**, **MongoDB**, **Redis**, **OAuth**, **BullMQ**, **AWS Lambda functions**, **Cloudflare R2**, **CI/CD pipelines**, **Presigned URLs**, **CI/CD pipelines with github workflows**

**Demo/Live Link:** [UnifyPosts](#)

## 2. Wrytify

**Role:** Lead Developer & Team Mentor

**Description:** Wrytify is an AI-driven blog generation platform that allows users to integrate WordPress, Shopify, Blogger, and Wix sites to generate and manage blog posts through a centralized platform.

### Challenges Solved:

- Designed the system to handle dynamic blog post creation and management across multiple platforms.
- Led a team of 3-4 developers, guiding them through the development process and mentoring them to improve their skills.
- Optimized performance for scalability as the platform grew.

**Skill Set:** Team Leadership, **Next.js**, **Node.js**, **Express.js**, **OAuth**, **MongoDB**, **Backend Development**, **Wordpress APIs Integration**, **Shopify APIs Integration**, **Blogger APIs Integration**, **Wix APIs Integration**, **CI/CD pipelines with github workflows**.

**Demo/Live Link:** [Wrytify](#)

## 3. SellerDash

**Role:** Full-Stack Developer

**Description:** A Chrome extension designed for Daraz sellers to assist with product hunting and provide important seller stats and insights.

### Challenges Solved:

- Integrated with Daraz APIs to retrieve real-time seller data.
- Implemented a Manual Payment Method to manage payments and subscriptions efficiently.

**Skill Set:** **React**, **Node.js**, **Express.js**, **MySQL**, **Chrome Extension Development**, **API Integration**, **Frontend Development**, **Custom Payment System**

**Demo/Live Link:** [SellerDash](#)

## 4. Flow Clock

**Role:** Developer

**Description:** A Webflow extension that allows users to add analog clocks to their websites. The clocks are customizable with user-selected time zones, and a custom script is added when publishing the site to start the clock.

### Challenges Solved:

- Created a seamless integration with **Webflow** for embedding clocks using **SVGs**.
- Ensured dynamic customization by allowing users to select time zones for the clocks.

**Skill Set:** React, Next.JS, **JavaScript**, **Webflow** Data Client and Designer Extensions.

**Demo/Live Link:** [FlowClock](#)

## Other Projects

### MetaClout

Built a robust backend for an social media platform, providing images sales purchase.

**Skills:** Nest.js, MongoDB, Redis, Presigned URLs

[Demo/Live Link](#)

### Snake Game

Developed a classic Snake game with responsive and interactive UI and smooth controls.

**Skills:** JavaScript, HTML, CSS

[Demo/Live Link](#) | [Repo Link](#)

### Tic Tac Toe Game

Implemented the classic Tic Tac Toe game and styled via plain css and animation effects.

**Skills:** JavaScript, HTML, CSS

[Demo/Live Link](#) | [Repo Link](#)

### Four In Line Game (C#)

Developed a Four In Line game using C# Forms, focusing on backend logic and UI design.and it include both player vs player and player vs computer modes

**Skills:** C#, Game Development

[Demo/Live Link](#)

### Old Portfolio (HTML, CSS, JS)

My initial portfolio showcasing basic projects, including interactive web pages and basic CRUD apps.

**Skills:** HTML, CSS, JavaScript

[Demo/Live Link](#) | [Repo Link](#)

### New Portfolio (Next.js)

A modern portfolio built with **Next.js**, showcasing my latest work.

**Skills:** Next.js, React, JavaScript, Tailwind

[Demo/Live Link](#) | [Repo Link](#)

### Other Practice Projects

Includes various small projects like **interactive forms**, **animation demos**, **CRUD applications**, and more.

Many of these are showcased on my portfolio.

**Skills:** HTML, CSS, JavaScript

[Demo Links](#)