

MUSTAFA TAHIR

Software Engineer

A Software Engineer with over 2 years of experience in web and mobile application development, proficient in technologies such as Wordpress, PHP, React.js, Node.js, and Python. I am committed to enhancing code quality and delivering efficient, scalable solutions. In addition to my technical abilities, I bring strong leadership and interpersonal skills, with a proven ability to quickly adapt to new technologies and roles.

WORK EXPERIENCE

Software Engineer (Full Stack Developer)

March 2023 – Present

Delawalla Business Solution, Lahore, PK

Technologies:

Wordpress, PHP, Javascript, React Js, Node Js, Python (Flask)
Bootstrap, MySQL, Microsoft SQL

- Optimized WordPress site speed to achieve 100% performance..
- Performed detailed testing and analysis to ensure smooth functionality after updates.
- Developed and maintained custom WordPress plugins, ensuring site functionality.
- Created AI tools to streamline workflows, improving productivity and efficiency.
- Integrated third-party APIs (including OAuth 2.0) to enhance functionality.
- Integrated HubSpot with Contact Form 7 to optimize lead management.
- Migrated legacy codebases to modern standards for improved maintainability.
- Managed and implemented cron jobs for automated tasks.
- Leveraged Google Analytics and Ahrefs to optimize site performance and SEO.

Wordpress Developer

July 2022– February 2023

NSKHOST (Pvt) LTD, Bahawalpur, PK

Technologies:

Wordpress, PHP, MySQL, Javascript

- Optimized website speed to improve overall performance and user experience.
- Identified and resolved bugs to enhance site functionality and client satisfaction.
- Removed malware to ensure site security and stability.
- Managed and maintained cPanel and WHM servers for efficient hosting operations.
- Implemented Cloudflare and facilitated seamless server migrations.
- Performed site migrations and ensured proper database management.
- Engaged directly with clients, addressing and resolving their technical issues.

Android Developer (Intern)

March 2022 – May 2022

NASNIX, Islamabad, PK

Technologies:

Android Studio, JAVA, XML, Firebase

- Created a Tic-Tac-Toe game and enhanced a tourism app.
- Assisted seniors with mobile app development and layout designs.
- Fixed bugs and improved functionality using fragments.
- Focused on daily tasks and adding new app features.

CONTACT

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SKILLS

Frontend

HTML
CSS
Javascript
React JS
Node Js
Bootstrap

Backend

Node.js
Express
PHP
Python (Flask)

Databases

MySQL
Microsoft SQL Server
MongoDB

Testing Tools:

BrowserStack
Lambda Test

Cloud-Based APIs and AI Tools:

Microsoft Azure
Google cloud vision

Services

cPanel/WHM
Cloudways
DigitalOcean
Google Cloud Platform

Project Management Tools:

Monday, Github, Gitlab

EDUCATION

Capital University of Science
technology (CUST), Bachelor
of Software Engineering

Major in Software Engineering
Islamabad, PK — 2022

PROJECTS

Toll & Gas Calculator

<https://www.personaldrivers.com/road-trip/tools/gas-calculator/>

- Calculates estimated toll and fuel costs based on cities, vehicle type, and trip type.
- Displays the route dynamically on a map with a detailed cost breakdown.
- Allows sharing via social media, email, QR code, and includes a print option.
- Features a user-friendly, responsive design with real-time route updates and vehicle icons.

Entity Extractor Tool

<https://www.personaldrivers.com/entity-extractor/>

- This tool identifies key entities from a URL, keyword, or sitemap, aiding topic analysis on websites.
- It displays results in a table, showing the entities and their frequency of occurrence.
- The tool also checks the top 10 search results for entities based on a keyword search.
- Users can export the extracted data to CSV for further analysis.

Image Metadata Generator

- Image Metadata Generator uses OpenAI to generate Alt Text, Captions, and Descriptions based on the user-provided prompt.
- It integrates Azure and Google Cloud Vision APIs for enhanced object detection accuracy.
- The tool processes multiple images at once, ensuring optimized metadata for SEO purposes.
- Generated metadata is automatically downloaded after completion, streamlining the workflow.

Performance Report System

- Runs automated Lighthouse audits on URLs, collecting performance, accessibility, and SEO metrics for mobile and desktop.
- Uses headless Chrome to gather core web vitals and saves results to a CSV file.
- Detects issues like unminified CSS, generating HTML reports for problematic URLs.
- Logs activities with Winston and inserts audit data into a SQL Server database.
- Sends POST requests with data to specified URLs after processing.

Contact Form 7 with SalesMessage to send SMS

- Integrates Contact Form 7 with SalesMessage to send SMS notifications upon form submission.
- Uses OAuth2 for secure authentication and handles token management (access and refresh tokens).
- Extracts form data and checks for restricted values before sending SMS via SalesMessage API.
- Logs any errors encountered during the process.

Scraping-Meta-Content

- Scrapes metadata from URLs in sitemaps using Cheerio and Axios.
- Compares newly scraped data with previous data and highlights differences in an Excel file.
- Supports schema extraction and converts the Excel file to HTML format.
- Sends the results via email using Nodemailer and saves data for future comparisons.

Airport Search

- Searches and displays airport data based on proximity to specified cities.
- Uses APIs like Google Geocoding to retrieve airport information.
- Filters airports within a specified distance from the user's city.
- Displays filtered airport data in a table with city-based filtering and distance calculations.