Mushahid Hussain
Digital Transformation Specialist

Contact

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Key Skills

Digital Transformation Expertise
Project Management
ERP Module Development
Web and Mobile App Development
Data Mining and Machine Learning
Business Development
Data analysis
Strategic planning
Change Management

Profile

A highly experienced digital transformation expert with over 10 years of professional experience, Mushahid Hussain has a proven track record of successfully transforming organizations through digital means. He has a comprehensive understanding of software development processes and methodologies, and is skilled in leading technical teams, developing and implementing ERP modules, and delivering complex projects on time and within budget. An expert in web and mobile app development using PHP and MY SQL database, Mushahid has published papers on technology-related topics, demonstrating his technical writing skills and knowledge of current industry trends. With a track record of delivering digital solutions that result in increased efficiency and productivity, Mushahid is a motivated team leader and problem solver.

Professional Experience

August 2013- Present
Co-Founder and Team Lead • Centangle Interactive Pvt Ltd
At Centangle Interactive, I have been responsible for managing a team of 35 software developers, ensuring the successful delivery of projects to a diverse range of clients. My role as team lead involves providing technical direction, ensuring quality assurance, and overseeing the development of cutting-edge software solutions. I have also been instrumental in enabling SMEs to digitize their businesses, resulting in increased profitability and growth.

July 2022- Present
Team Lead, Digitization End, GIZ Dialogue for Sustainability project
Centangle Interactive was onboarded by GIZ as a Multiplier under the Dialogue for Sustainability (DFS) Project to provide the digitalization services to the textiles factories in Punjab. In this role, I have conducted baseline analyses of various textile factories and provided cost-effective solutions to enable them to start their digital transformation journey. Additionally, I have been designated as a master trainer for the Dialogue for Sustainability approach, which was developed by GIZ. Through my work under this project, I have

Tools & Technologies

Power BI
SQL
Yii2
MVC
GIT
REST API
PHP
CMS

demonstrated my expertise in both digital transformation and sustainability and have played a key role in helping factories transition towards a more sustainable future.

January 2019- December 2022
Development of MIS for Various Development Sector Organizations
As a team lead in software development, I have extensive experience in leading the development of Management Information Systems (MIS) for organizations in various sectors. I have worked with organizations such as US Institute of Peace (USIP), Norwegian Church Aid (NCA), HelpAge International, Care International Pakistan, and SIF. In these roles, I was responsible for overseeing the development and implementation of customized solutions to meet the specific needs of these organizations. My leadership skills, technical expertise, and ability to work closely with clients enabled me to deliver effective and efficient solutions that have significantly improved their operations and processes. My experience in developing MIS solutions has equipped me with the ability to analyze complex problems and develop innovative solutions that can help organizations in their digital transformation journey.

January 2015- March 2022
Led the development and sale of 150 licenses of Sajil ERP
As the lead developer, I was responsible for overseeing the development of Sajil ERP, a comprehensive software solution used by over 150 cooperative societies in Gilgit Baltistan. My experience in developing enterprise-level software solutions allowed me to deliver a solution that met the specific needs of the client, resulting in increased efficiency and profitability.

December 2022-January 2023
Developed a Power BI dashboard for Forum for White Ribbon Alliance:
I developed a dashboard for the White Ribbon Alliance using Power BI. I worked with the client to understand their business requirements and tailored the dashboard to meet their specific needs, providing them with a digital solution that improved their processes and efficiency.

January 2018-February 2019
Led the development of World Bank's Campus App
As the lead developer, I oversaw the development of the Campus App for World Bank. He managed a team of developers and ensured that the project was delivered on time and to the client's specifications, providing the World Bank with a cutting-edge digital solution.

December 2020- September 2021
Led Development of LMS and Community Management System, British Council DICE Project

As the lead developer, I was responsible for managing a team of software developers to deliver a comprehensive LMS and community management system for the British Council DICE Project. My experience in project management, coupled with my technical expertise, allowed me to ensure the successful delivery of the project, meeting all specifications and timelines.

November 2021-December 2022
Developed websites for KPRA, PCAA, and Infrastructure Project Modular Design Repository:

Working with Adam Smith International, I led the team that developed websites for KPRA, PCAA, and Infrastructure Project Modular Design Repository. I ensured that the websites met the client's requirements and provided them with a digital solution that improved their processes and efficiency.

April 2021- April 2022
Digitalization Services under the USAID SMEA project

In my role as a technology expert, I have worked with multiple Small and Medium Enterprises (SMEs) as part of the USAID SMEA project. I provided digital solutions to these SMEs and helped them integrate ecommerce platforms into their businesses. Through this experience, I have demonstrated a deep understanding of the unique needs and challenges facing SMEs and a commitment to empowering these organizations through technology. My ability to develop effective and customized digital solutions has made a tangible impact on the growth and success of the SMEs I have worked with.

January 2015- Present
Development of Websites for Various Organization

As a seasoned professional with over 10 years of experience, I have extensive expertise in the development of websites. Throughout my career, I have taken on the role of leading teams to deliver top-quality websites to clients. My process begins with thoroughly understanding the client's requirements, followed by expertly designing and developing the website to meet their needs. I am proud to have a proven track record of delivering successful projects, and I am confident in my ability to continue doing so in future endeavors.

July 2012- June 2013
Java Developer at 3D GIT Lab CIIT Islamabad
I worked as a Java developer at the 3D GIT Lab in CIIT Islamabad. During my time there, I was involved in developing a career counseling web application that utilized different psychological models to assess the user's capabilities. The purpose of the application was to provide the user with career recommendations based on their education and past experiences. As a Java developer, I was responsible for writing clean and efficient code, debugging any issues that arose, and working closely with the project team to ensure that the end product met the client's requirements. The experience I gained during my time at the 3D GIT Lab helped me to further develop my skills as a Java developer and gave me a strong foundation in the use of psychological models in software development. I was also pursuing my degree during this time

Professional Development

Attended workshops and training sessions on HR Management, Supply Chain Management, Digital Transformation, and E-Commerce under the Dialogue for Sustainability Project of GIZ.

Provided trainings on Digitization to various organizations, sharing knowledge and best practices.

Publications

Hussain, M., Hameed, A. Adaptive video-aware forward error correction code allocation for reliable video transmission. SIViP 12, 161–169 (2018). https://doi.org/10.1007/s11760-017-1142-3

M. A. Shah, M. B. Shahid, S. Zhang, S. Mustafa and M. Hussain, "Organization Based Intelligent Process Scheduling Algorithm (OIPSA)," 2015 21st International Conference on Automation and Computing (ICAC), Glasgow, UK, 2015, pp. 1-6, doi: 10.1109/IConAC.2015.7313978.

Education

BS in Computer Science, COMSATS Islamabad, 2009-2013, CGPA 3.34

MS in Computer Science (Data Mining, Data Warehousing and Machine Learning), COMSATS Islamabad, 2014-2016, CGPA 3.77