Mohammad Bilal Sardar

Technical Education Specialist and PHP Developer

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Professional Summary

Technical Education Specialist with expertise in PHP and Moodle plugin development. Skilled in enhancing LMS functionalities through custom plugins and analytics dashboards to improve learner engagement and support data-driven decisions. Known for delivering scalable, user-focused solutions that enrich digital learning experiences.

Experience

Education Specialist, Academic Computing   September 2023 – Present
The Aga Khan University – Karachi, Pakistan

- Oversee academic computing projects and technological advancements to enhance the learning experience.
- Collaborate with academic staff to develop digital education tools and resources.
- Successfully oversaw the complete development lifecycle of the AKU LEADS (Lifelong Learning, Education And Development of Skills) portal, a centralized platform for lifelong learning and skills development initiatives across AKU. Responsibilities included managing the process from initial feature ideation and vendor collaboration to rigorous testing, bug resolution, and iterative improvements.

Moodle Developer   September 2019 – September 2023
3i Logic – Karachi, Pakistan

- Developed customized Moodle LMS plugins, including analytics and dashboard solutions.
- Implemented a Moodle-based assessment management system for Sanofi Pharmaceutical.
- Spearheaded a training management platform for the National Police Academy in Islamabad.
- Managed data integration and developed custom APIs for seamless digital experiences.

PHP Developer   June 2015 – September 2019
Alsons Group of Industries – Karachi, Pakistan

- Designed and implemented an IoT solution for monitoring oil dispensers for Tatsuno.
- Built a complaint management system for Alsons Tatsuno Services.
- Developed internal applications, including a meeting management tool.

Skills

Programming & Development
PHP, Laravel, MySQL, Moodle LMS, JQuery, Python

Technologies & Tools
Linux, Git

Soft Skills
Project Management, Team Leadership, Client Communication

Education

Master of Science in Computer Science   2023
Shaheed Zulfikar Ali Bhutto Institute of Science and Technology (SZABIST)
Focus: Data Science, Machine Learning

Bachelor of Engineering in Electrical and Electronics Engineering   2014
Usman Institute of Technology
Key Achievement: Co-authored research on EEG device interfacing, presented at IEEE SCONEST 2014

Certifications & Achievements

- Research Paper: "Low-Cost EEG Device and OpenVibe Interfacing" – Presented at IEEE SCONEST 2014
- Projects: Key projects for National Bank of Pakistan, Sanofi Pharmaceutical, and Tatsuno Japan

Interests

Pen and Ink Drawing, Data Science, Origami, Gaming, Reading