MUHAMMAD HUSNAIN ALI

Software Engineer | Full-Stack PHP Developer | Product Builder

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ENGINEERING PROFILE

Software Engineer with practical experience designing and delivering full-stack web platforms, management systems, and desktop applications. Strong background in PHP backend engineering, database architecture, and scalable system design. Focused on building real-world products end-to-end from architecture and backend logic to deployment and optimization, with emphasis on clean code, performance, and maintainability. Demonstrated ability to independently ship production-ready systems including HireMyRoom.com, management applications, and business platforms.

CORE ENGINEERING SKILLS

Languages	PHP, JavaScript, C# (.NET), C++, HTML5, CSS3
Backend	Backend Development, Authentication Systems, Role-Based Access, API Integration, Database Design, Query Optimization
Web/Product	Full-Stack Development, Responsive UI, Performance Optimization, Cross-Browser Compatibility, UX-Focused Development
Databases & Infra	MySQL, PDO, Linux Environment, Git/GitHub
Engineering	System Design, Debugging & Testing, Software Documentation, Agile Collaboration, Problem Solving

PROFESSIONAL EXPERIENCE

Software Engineer / PHP Full-Stack Developer — Freelance & Product Development, Pakistan (2024 – Present)
- Architect and develop PHP-based web platforms and management systems from scratch.
- Designed secure backend structures handling authentication, user roles, and database workflows.
- Improved system efficiency through performance optimization and code restructuring.
- Delivered complete product lifecycle: requirement analysis → development → testing → deployment.
- Built scalable modules enabling future feature expansion.

Computer Science Instructor — Mandi Ahmad Abad, Pakistan (Dec 2023 – Jun 2025)
- Taught software engineering and programming fundamentals with a practical coding approach.
- Mentored students in algorithmic thinking and problem-solving strategies.
- Introduced industry-aligned development practices and real-world examples.

Web Developer — Skylinks, Remote (Jan 2022 – Jan 2023)
- Developed full-stack web applications from initial design to production deployment.
- Enhanced application performance and stability via debugging and testing workflows.
- Built responsive interfaces ensuring cross-device compatibility.

SELECTED ENGINEERING PROJECTS

HireMyRoom.com — Rental & Property Management Platform | Founder & Lead Full-Stack Developer (PHP, MySQL, JavaScript, Bootstrap)
- Designed and built a production-ready rental platform connecting users with available properties.
- Engineered backend system for listings, authentication, and data management.
- Developed scalable relational database structure supporting dynamic property operations.
- Implemented responsive UI and optimized workflows for improved usability.
- Managed full product ownership including architecture, development, testing, and launch.

Management Systems Development (2+ Years)
- Built multiple management applications automating business workflows.
- Implemented secure login systems and admin dashboards.
- Improved operational efficiency through structured data handling.

Skylinks Full-Stack Affiliate Platform
- Developed affiliate marketing system with integrated video portal.

- Built secure authentication and user dashboard functionality.
- Implemented PDO-based secure database interactions.

Food Ordering Desktop Application (C# .NET, SQL)
- Developed desktop application providing restaurant ordering workflows.
- Designed structured backend logic with SQL integration.

Jarvis Voice Assistant (C++)
- Built command-driven assistant capable of executing system-level tasks and media controls.

EDUCATION • CERTIFICATIONS • LANGUAGES

Education	BS Software Engineering — University of Management and Technology (UMT), Lahore (2019 – 2023)
Certifications	Linux Certification; Software Development & Programming Practices
Languages	English (Professional) • Urdu (Native)