

KHURRAM BAIG

A highly motivated and confident professional with a strong work ethic, high energy, and enthusiasm. Reliable and adaptable, thriving in dynamic and challenging environments while building strong, effective communication across all levels and departments.

PERSONAL INFORMATION

E-mail khurrambaig.381@gmail.com/ dev381381@gmail.com
LinkedIn <https://www.linkedin.com/in/khurram-baig-7a672625b/>

ACADEMIC QUALIFICATION

Degree	Board / University
BS(IT) Honor's	PMAS-Arid Agriculture University Rawalpindi
MSCS	International Islamic University, Islamabad

PROFESSIONAL EXPERIENCE:

Riphah International University - Islamabad: (April-2024- Present)

Software Engineer, Islamabad, Pakistan

Project Highlights:

- Developed and currently manage the **CMS Portal** used by **55+ colleges** to handle comprehensive academic operations, including student **registration, enrollment, program/course management, curriculum mapping, attendance, CLO/PLO tracking, assessments, results**, and dynamic report generation.
- Built a **role-based access control (RBAC)** system with customized permissions for multiple user roles such as **students, principals, HR, academics, finance, and exam departments**, ensuring secure and streamlined workflows.
- Handle and resolve **daily operational queries** from campuses while also actively participating in **ongoing development and feature enhancement** of the system.
- Integrated **AI-based tools** into the system include a **Chatbot, Facial Recognition**, and **GPS-based attendance tracking** to modernize and automate user experiences for students and employees.
- Contributed to the development of an **Asset Management Portal**, enabling the **inventory department** to efficiently manage all organizational assets, with features like asset tagging, issuance tracking, and return logs.
- Worked on automating employee asset distribution, including managing accessories and equipment provided by the organization to each staff member.

Key Responsibilities:

- Developed and maintained scalable web applications using **Laravel** and **CodeIgniter** frameworks.
- Designed and consumed **RESTful APIs** for seamless communication between frontend and backend systems.
- **MySQL database design, optimization, and performance tuning** to support large-scale datasets.
- Ensured adherence to **MVC architecture** while writing clean, reusable, and maintainable PHP code.
- Debugged and resolved backend issues, improving system performance, reliability, and user satisfaction.
- Collaborated closely with **frontend teams**, UI/UX designers, and QA engineers for smooth project delivery.
- Integrated **third-party APIs and services** such as email, SMS, and cloud tools for enhanced functionality.
- Implemented **security protocols**, including input validation, authentication, and access control.
- Participated in **code reviews, sprint planning, and agile stand-ups** to ensure quality and timely delivery.
- Maintained comprehensive **technical documentation** to support system maintenance and scalability.

5D Solutions - Islamabad: (Feb 2021 – April-2024)

Code Igniter / Laravel Developer Islamabad,
Pakistan

Job Responsibilities:

As a web backend developer currently my job responsibilities:

Developing and maintaining web applications including implementing user interface components, handling client-side interactions, and ensuring the application is responsive and visually appealing.

I have experience with frameworks like CodeIgniter and Laravel for frontend and backend by jQuery and bootstrap which helps to enhance the user experience with and improve frontend development. I am working closely with clients and other members of the development team to understand new feature requirements and changes needed in existing applications and participating in meetings, gathering requirements, and translating them into technical specifications for implementation.

I have worked on an in-house ERP System, where I completed several modules.

Currently, I am involved in a project using the Laravel framework. I am responsible for performing the tasks related to projects, such as implementing backend functionality, database operations, and integrating frontend components.

I have experience with Mysqli and am proficient in performing common database operations. Additionally, I am familiar with Ajax and jQuery, which enables us to create interactive and dynamic web applications that communicate with the database in real-time.

Overall, my role as a web backend developer includes coding, collaborating with the team, implementing new features, working with databases, and ensuring the smooth functioning of web applications.

ERP System:

ERP is an all-in-one cloud-based solution that caters small, medium or large business and take care of your finances, operational work, to any activity or business you might need. In this case we have 60+ different modules to handle with 200+ different local and international companies.

I worked on Payroll, HR, Property Management, House Insurance , Inventory , Product research , Purchaser Order , Insurance Broker , School Management , Medical Store Management.

Ackermann (Laravel):

This backed system developed in Larval to manage electricity meter reading, meter record, inventory system, daily weekly monthly reporting. New connection old connection record dynamically developed for long term purposes.

Road Construction (Laravel):

Road construction system developed on CodeIgniter framework. In this system they hired third party contractors to do construction work and all other related to traffic and road construction works.

Medical Store Point of Sale – CodeIgniter:

MEDPOS is backend admin panel where users can manage all type of expense, sale, profit, loss calculation under one system. We developed this system on CodeIgniter and MySQL database. We use role-based system on the MEDPOS for the super admin, managers, sale person, etc.

Job Responsibilities:

- I worked on CodeIgnitor framework on In-house project of Medical Store inventory system in which I had completed some module.
- Knowledge and experience with HTML, CSS, and JavaScript.
- Knowledge and experience with JQuery, bootstrap , CSS, and Mysqli, RESTFUL API.
- Work with product owners and other development team members to determine new features and user needed in new/revised application changes.
- Currently working on Laravel framework “Road Construction”.
- My core responsibility Is to deliver the modules on the client request in time that would be based on CodeIgniter or Laravel. So I can work on the both side parallel.

Gumption Technologies: (Aug2019– Dec2020)

Core PHP Developer, Rawalpindi, Pakistan

ERP System Development Experience

During my time at Gumption Technology, I worked extensively on the company's custom-built ERP system, which was developed using the Core PHP MVC framework. The ERP system comprised a wide range of integrated modules tailored for various industries, including Point of Sale (POS), Human Resources (HR), Payroll, Inventory Management, Medical Chain Management, Hotel Management, School Administration, and Retail Shop operations. These modules featured dynamic reporting capabilities—daily, weekly, and monthly along with real-time dashboards that were continuously updated based on specific project or company needs.

At the beginning of my career, I had the opportunity to contribute across nearly all major modules, gaining hands-on experience in backend development, database structuring, and system logic within a large-scale ERP environment. This role gave me a strong foundation in PHP development, system integration, and practical problem-solving across various business domains.

Technical Skills:

- ✓ Languages: PHP, HTML, CSS, JavaScript
- ✓ Frameworks: Laravel, CodeIgniter, PHP MVC
- ✓ Frontend: Bootstrap, jQuery, AJAX
- ✓ Database: MySQL, MySQLi
- ✓ Tools: Git, RESTful APIs, Postman