

Muhammad Rameez | Backend Developer

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PROFILE SUMMARY

Experienced and detail-oriented **Backend Developer** with a proven track record of building scalable web applications and backend systems. Proficient in PHP and its frameworks, with strong expertise in database architecture, API development, and system integration. Demonstrates excellent problem-solving skills, clean coding practices, and the ability to work both independently and in team environments. Committed to delivering high-quality software solutions that meet business objectives.

WORK EXPERIENCE

The City School Group, *Sr Backend Developer*

September 2022 – Present

- **Online Testing System:** Developed and deployed a robust, Oracle-integrated IELTS-style assessment platform covering **Speaking, Listening, Reading, Writing, and Grammar**, with automated CEFR-based grading. Results are pushed to the **ERP system** and shared with **school heads** and the **training department**, influencing **HRMS**-based role and salary decisions.
- **Training Portal:** Engineered a dynamic **training management system** offering three modes: **Self-Paced, Signature Programs**, and **Stand-Alone Courses**. Self-paced modules include structured content (lectures, assignments, MCQs, videos, and audios), with **module-locking logic** that ensures sequential learning. Registration flows through **approval levels**, requiring **RTL authorization** before the course becomes visible to participants.
- Implemented **real-time notifications** to inform users about new courses and personalized alerts based on weak performance areas, ensuring targeted learning via **priority-based recommendations**.
- Linked the training module with **Oracle ERP** to manage **paid training deductions**, handling **PAF deductions or monthly adjustments** as per policy. Automated **certificate generation and issuance** upon successful completion.
- **Feedback Management System:** Developed an internal platform allowing campuses to submit structured feedback on **vendors and operations**, enhancing transparency and service quality.
- Ensured all systems are **fully integrated with Oracle ERP**, maintaining data consistency across HR, training, and administrative modules

QBS, *Backend Developer*

November 2021 – August 2022

- Provided ongoing development and support for **EBOX Accounting ERP**, including custom **module development**, integration, and performance optimization tailored to institutional financial workflows.
- Designed and implemented the **OCAC Portal**, enabling dealers to upload data via Excel. Built backend processes for **automated data extraction**, report generation, and dynamic dashboard creation for analysis and insights.
- Developed a **Financial Budget Management System** where organizations set a master budget and departments received specific allocations. The system enforced **budget control** during **GRN (Goods Receipt Note)** creation, allowing purchases only within limits. Excess purchases triggered an **approval hierarchy** involving the **Finance Manager** and **Department Head**.
- Built and deployed the **Zdigit Stock Management System** to handle complete inventory operations including **stock in/out**, returns, warehouse-to-distributor tracking, and automated **invoicing workflows**.

- Developed and maintained a comprehensive **School Management System** for both male and female campuses. Key features included:
 - **Student information management**, class records, homework tracking, and **API-based message sending** to parents.
 - **Automated monthly fee voucher generation** with previous dues and late fee calculations. Vouchers were class-wise and included sibling discounts and **special fee waivers**.
 - System sent **real-time alerts** to the Accounts Department for receivables, with **auto-generated recovery reports** sent daily.
 - After collections, a **receiving invoice** was auto-issued to schools for documentation.
- Designed and implemented a multi-counter **Donation Collection System**:
 - Allowed donations through three different counters with unique workflows.
 - Auto-generated printable receipts at donation time.
 - End-of-day donation summaries were sent to the Accounts Department for reconciliation and voucher issuance.
- Built a **Qurbani Management System**:
 - Handled booking records, hide (skin) tracking, and final reports showing total collected and pending items.
 - Enabled efficient management and transparency of Qurbani-related donations and logistics.
- Developed a **Kitchen Inventory and Menu System**:
 - Allowed staff to upload daily **menus and recipes**, cross-verified with real-time **stock levels**.
 - System flagged unavailable ingredients and visually alerted staff with a red-cross warning.
 - Ensured accurate menu planning and **automated kitchen stock validation** before preparation.

- Worked on the **School Bridge product**, ensuring client satisfaction, providing demos, handling queries, and coordinating with the development team for improvements.
- Provided **support for new projects**, including client onboarding, technical issue resolution, and ensuring smooth implementation.

Technical Skills

- **Programming Languages & Frameworks**: Core PHP, Laravel, CodeIgniter
- **Front-End Technologies**: HTML5, CSS3, Bootstrap, JavaScript, jQuery, AJAX
- **Database Management**: MySQL, Microsoft SQL Server (MSSQL)
- **API Integration**: RESTful API development and consumption
- **Third-Party Integrations**: Twilio API (SMS, voice, and communication services)
- **Version Control**: Git (GitHub, Bitbucket)

Project Experience

Major In-House Projects

- School Management System
- Fee Management System
- HRMS (Human Resource Management System)
- Online Testing System
- Donation Collection System
- Accounts System (EBOX)
- Budget Management System
- CoviCare Health Tracker
- Training Portal (CEPD)
- Data Extraction Portal

Freelance Projects

- Inventory Management System (IMS)
- Point of Sale System (POS)
- Stock Management System
- Online Testing Platform
- Customer Relationship Management (CRM) – Leads System
- Payment Receipt and Invoice System

EDUCATION

Aptech Computer Education	2013- 2016
<i>ACCP Pro</i>	
BSCS	2012- 2016
Inter	2010-2012