

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 Z-digit Stock Management System to handle complete inventory operations including stock in/out, returns, warehouse-to-distributor tracking, and automated invoicing workflows.

Jamia Darul Uloom Karachi, *Backend Developer*

January 2019 – October 2021

- 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.

Brainy Tech, *Jr Backend Developer*

August 2016 – December 2018

- 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

ACCP Pro

BSCS

Inter

2013- 2016

2012- 2016

2010-2012