

MUHAMMAD KAMRAN

Web Engineer (Backend-Focused)

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<https://mohakamran.github.io/portfolio/>

SUMMARY

Backend-focused Web Engineer with 3+ years of experience building and maintaining production web systems using Laravel, Node.js, MySQL, REST APIs, and React. Experienced in working with international clients and currently pursuing an M.Sc. in Applied Information Systems in Japan, seeking backend or web engineering roles in Japan or global teams.

WORK EXPERIENCE

Full Stack Engineer, Reblate Solutions

Mar 2021 - Aug 2024

- Designed, developed, and maintained 15+ production web systems, including e-commerce platforms and internal business tools, ensuring high availability and security
- Architected and currently maintain an internal CRM system used daily by 20+ team members for customer management and task tracking
- Developed secure RESTful APIs, authentication/authorization flows (including role-based access), and optimized database schemas using Laravel, Node.js, React, and MySQL

Computer Teacher, Computer City

Nov 2020- Jan 2021

- Instructed 50+ students in Web Development, Programming Fundamentals, E-commerce, and Digital Marketing, improving practical skills through hands-on projects

EDUCATION

M.Sc. Applied Information Systems (MEXT Government Scholarship)

Oct 2024 – Sep 2026

University of Kitakyushu, Fukuoka, Japan

- Research focus: Human trust and decision-making in autonomous driving systems
- Designed and conducted driving simulator experiments using the CARLA simulator in Python
- Developed strong analytical skills in data interpretation, system design, and applied research

B.Sc Information Technology

Sep 2016 – Sep 2020

University of Gujrat, Pakistan

- Studied core subjects including Mathematics, Programming, Data Structures, and Software Engineering
- Final Year Project: Developed a first-person survival game using Unity and C#

SKILLS

- Laravel, PHP, Node.js, Express.js, RESTful APIs, MVC Architecture
- React.js, Next.js, HTML5, CSS3, Tailwind CSS, Bootstrap
- MySQL, MongoDB (schema design, indexing, complex queries)
- Git, GitHub, Docker, CI/CD pipelines, Postman
- Authentication & authorization (JWT/OAuth), API security, server hardening
- WordPress & Shopify (customization, e-commerce setup)
- Python (CARLA Simulator scripting, data analysis)

KEY PROJECTS

Internal CRM System

- Designed and developed a production CRM system for internal operations
- Features: authentication, role management, customer records, task tracking
- Tech stack: Laravel, MySQL, REST APIs
- Github: https://github.com/mohakamran/crm_reblate

Task Management System (MERN)

- Full-featured task manager with authentication and CRUD operations
- Tech stack: MongoDB, Express, React, Node.js
- GitHub: <https://github.com/mohakamran/task-manager>

AceHire

- AI-powered interview platform designed to simulate structured technical and behavioral interviews.
- Focus areas: system design, API security, session handling, and scalable interview workflows.
- Github: <https://github.com/mohakamran/acehire>

Digizone – Web Agency Platform

- Developed a modern web agency platform using Next.js
- Designed reusable components and optimized page performance
- Focused on responsiveness, SEO, and production-ready deployment
- Link: <https://digizoneee.vercel.app/>

CERTIFICATIONS

- Google Digital Marketing (2020)
- Data Analysis with Python — freeCodeCamp
- Scientific Computing with Python — freeCodeCamp
- Machine Learning with Python — freeCodeCamp

ACHIEVEMENTS

- Fully Funded MEXT Scholarship funded by Japanese Government

LANGUAGES

- English (Business and Fluent)
- Urdu & Punjabi (Native)
- Japanese (Goal: JLPT N3 by December 2026)