Kamran khan

Software Developer | Full Stack Laravel Developer | AI Engineer

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**Summary**

Experienced Full-Stack Developer and AI Engineer with 3 years of hands-on expertise in building scalable web applications and AI-driven solutions. Proficient in Laravel, React, and modern web technologies, with a strong focus on clean code, performance, and security. Previously contributed to advanced research at the National Center of Artificial Intelligence (NCAI), where I developed deep learning models for real-world challenges like plant disease detection. I thrive in fast-paced, collaborative environments and excel at turning complex business needs into robust technical solutions. Eager to contribute to innovative projects and explore new challenges in dynamic, tech-forward organizations.

Work Experience

Full Stack Web Developer Peshawar, Pakistan

[Rise institute and consultants](file:///E:\linkedin.com\company\rise-institute-and-consultants) April 2025 -Present

Responsibilities:

* Developed a custom **LMS** and **CMS** using Laravel and Bootstrap to manage online courses, instructors, and student progress.
* Designed responsive web interfaces for seamless course browsing, enrollment, and video-based learning.
* Integrated role-based access control and admin dashboards for content, user, and payment management.
* Implemented a secure **Google Drive** video upload system to allow instructors to upload and stream course videos directly from Drive, enhancing data privacy, storage efficiency, and platform security.

Full Stack Software Engineer Peshawar, Pakistan   
[Khyber coded](https://www.linkedin.com/company/khybercoded/) Sep 2022-April 2025

Responsibilities:

* Developed and maintained advanced web applications using **Laravel**, **CodeIgniter**, and **Symfony**, with a focus on scalable backend architecture and clean code practices.
* Built and integrated **RESTful APIs**, payment gateways, and social login features using **Laravel Socialite** and **Sanctum**.
* Optimized database performance with MySQL, SQLite, and MongoDB by writing efficient queries, indexing, and applying best practices for data handling in high-traffic systems.
* Led projects like **LMS**, **CMS**, **HRMS**, and **eCommerce platforms** using the **Repository Pattern** and **Spatie roles**.
* Worked on **multi-tenancy**, **PDF exports**, **dynamic form builders**, and **modular system architecture** for large-scale applications.

Business Intelligence and Database Analyst Peshawar, Pakistan

[The Bank of Khyber (internship](https://www.linkedin.com/company/the-bank-of-khyber/)) Oct 2024 – Dec2024

Responsibilities:

Learned core banking operations using T24 and Islamic banking systems, explored banking APIs, and understood key compliance workflows. Worked on BI tools, SQL-based reporting, and HRMS automation, gaining practical skills in data handling, system integration, and financial technology processes.

AI and Web Applications Engineer Peshawar, Pakistan

[National Center of Artificial Intelligence(part-time](https://www.linkedin.com/company/ncai-uetp/)) Oct 2024 – Dec2024

Responsibilities:

* Developed and maintained AI-powered web applications using Django and Flask, integrating machine learning models into responsive, scalable systems.
* Built ML pipelines for tasks such as classification, prediction, and image analysis using Python, scikit-learn, TensorFlow, and OpenCV.
* Designed and deployed RESTful APIs to expose AI features and enable integration with frontend and third-party platforms.
* Created and automated BI reports and dashboards using Pandas, Seaborn, and Matplotlib to visualize insights from structured and unstructured data.
* Managed and optimized databases (e.g., PostgreSQL, MySQL) to support data-driven AI applications and reporting systems.
* Maintained clean, modular, and well-documented codebases with version control using Git/GitHub, ensuring team collaboration and scalability.

EDUCATION

Bachelor of Science in Computer Science Sep 2018 – Sep 2022

The University of Agriculture, Peshawar, Pakistan

Skills

* **Backend Development**: Laravel Framework, PHP, Python, Django, CodeIgniter, Laravel Livewire, Repository Pattern
* **Frontend Development**: React.js, Vue.js, HTML, CSS, JavaScript, Bootstrap, Material UI, Flutter (UI)
* **AI & Machine Learning**: Machine Learning (ML), Deep Learning, TensorFlow, Hugging Face, Streamlit, Large Language Models (LLMs), U-net,
* **Cloud & DevOps**: Google Cloud Platform (GCP), Docker, Git, GitHub, cPanel
* **Database Technologies**: MySQL, SQL Server, MongoDB, Stored Procedures, Triggers, Functions, Views
* **APIs & Tools**: RESTful API Development, Postman, Laravel Multi-Tenancy, WordPress
* **BI & Reporting:** Business Intelligence Reporting, Data Visualization with Pandas, Matplotlib, Seaborn
* **Marketing & Optimization:** Search Engine Optimization (SEO), On-Page SEO, Technical SEO Basics.

Projects

1. [WMCMarts](https://wmcmarts.net/) – A Powerful, multi-vendor e-commerce platform built for diverse businesses and seamless mobile shopping.
2. [Transrmit](https://transremit.uk/) – A secure, GDPR-compliant UK digital banking platform with FDR, DPS, loans, and 20+ payment gateways.
3. [TJLHR](https://tjlhealthcare.com/) – A smart web and mobile HR solution with GPS check-ins, payroll, leave, CMS, and multi-branch support, tailored for [pharma](https://tjlpharmachina.com/), [healthcare](https://tjlhealthcare.com/), and other industries.
4. [ClockTower](https://clocktowercarsuk.com/) –UK-based ride service offering real-time tracking, 24/7 support, and seamless booking for stress-free travel.
5. [OffersBerries](https://offersberries.com/) – A complete B2B & B2C e-commerce platform with auctions, wholesale, multi-vendor support, post-your-ad, bulk uploads, dynamic attributes, and Excel export.
6. [Bin Yaqoob Group](https://binyaqoobgroup.com.pk/) – A feature-rich real estate platform with a Laravel admin panel, offering seamless property buy, sell, and rent features with map search, chat, multi-language, and role-based access.
7. [Rise LMS](https://riseinstituteandconsultants.com/) – A comprehensive e-learning platform that supports video courses, live classes, quizzes, SCORM, multilingual content, SaaS packages, and advanced analytics perfect for building and scaling online education businesses.
8. [Acoust](https://www.acoust.io/) – An AI-powered media platform for ultra-realistic text-to-speech, voice cloning, and video editing. Supports 250+ voices, 30+ languages, and is ideal for e-learning, marketing, and more.
9. A V-Net-based model with attention mechanisms **for 3D tooth segmentation** from CBCT, achieving 90.01% dice score.
10. **Potato Leaf AI** – A CNN-based system for detecting potato leaf diseases with real-time mobile, web, and cloud support.
11. [AgroCure](https://www.agrocure.com/) – An AI-powered agriculture platform for real-time crop insights, farmer empowerment, smart decisions, and transparent farm-to-market trade.
12. **Safe City** – An AI-powered system for real-time threat detection, automated alerts, and smart city security management.