Kartik Upadhayay

Full Stack Developer (Laravel | React | MySQL | Linux)

⊙ Noida, India ✉ kartiku03@gmail.com ✆ 070885 86048 ⊞ kartik-upadhayay-77b722148 ⊙ kartik08-it

Professional Summary

Results-driven Full Stack Developer with 2+ years of experience building and modernizing scalable web applications using Laravel, React, and TypeScript. Specialized in API modernization (SOAP → REST), performance optimization, and secure role-based systems. Proven track record of improving response times, reducing operational overhead, and delivering production-grade features in Agile environments.

Tech Stack

Backend: Laravel, PHP, REST APIs, SOAP APIs

Frontend: React, TypeScript, Material-UI, HTML5, CSS3, JavaScript (ES6+)

Database: MySQL, Query Optimization, Data Modeling

CMS: WordPress (Elementor, WPBakery)

Tools: Git, GitHub, Postman, VS Code, Linux (Ubuntu), Agile/Scrum

Experience

Pioneering The Future, Software Developer

Noida, India
Oct 2023 – present
2 years 4 months

- Supported applications used by thousands of active users with high-availability backend services.
- Boosted API performance and maintainability by migrating legacy SOAP services to RESTful architecture, accelerating response times and integration flexibility.
- Maintained and optimized SOAP APIs for critical legacy modules, ensuring seamless backward compatibility during phased transitions.
- Enforced role-based access control and integrated Two-Factor Authentication (Google Authenticator), significantly strengthening application security.
- Automated recurring backend workflows using Laravel Artisan commands, reducing manual effort and repetitive tasks by over 40%.
- Engineered responsive, high-performance user interfaces using React and Material-UI, delivering faster load times and consistent UX.
- Collaborated cross-functionally with product, QA, and design teams in Agile sprints to deliver production-ready features ahead of schedules.
- Upheld code quality standards through peer reviews and Git-based version control, ensuring stable releases and reliable deployments.

Projects

API Development & Migration (SOAP to REST)

Led end-to-end backend API development and migration using Laravel.

- Migrated legacy SOAP APIs to RESTful architecture while ensuring backward compatibility during phased rollout.
- Designed and developed new REST APIs following standardized request validation, authentication, and middleware layers.
- Improved backend throughput and reduced server load by introducing Laravel queues for asynchronous processing.

Dashboard Interface

Re-architected a scalable admin dashboard using React and Material-UI.
- Designed advanced CRUD workflows, dynamic forms, and role-based access control.
- Reduced data load time by 35% while simplifying long-term feature maintenance.

Proctor Panel

Designed a real-time proctoring panel using React and TypeScript.
- Implemented WebSocket-based real-time monitoring to track candidate activity with minimal latency.
- Accelerated event response latency by 50%, enabling reliable session tracking.

Invigilator Panel

Developed a dedicated invigilator management panel for exam monitoring and control.
- Built role-specific dashboards to monitor assigned candidates, sessions, and exam statuses in real time.
- Enabled controlled actions such as session verification, flagging suspicious activity, and coordination with the proctoring system.
- Improved monitoring efficiency and reduced manual intervention through streamlined workflows.

WordPress Site Optimization

Optimized WordPress platforms using WPBakery and Elementor.
- Enhanced SEO rankings and page engagement.
- Increased organic reach and lead conversions.

Email Template System

Engineered dynamic email templates using Laravel Blade.
- Standardized brand-aligned communication across transactional emails.
- Boosted email click-through rates by 20%.

SuperAdmin Panel

Built a secure full-stack administrative system.
- Enforced Two-Factor Authentication and granular role permissions.
- Strengthened data transparency, auditability, and system integrity.

Skills

Web Technologies: PHP, Laravel, React, TypeScript, REST, SOAP, HTML, CSS, JavaScript

Database Management: MySQL, Indexing, Query Optimization

Tools & Platforms: Git, GitHub, Postman, VS Code, Ubuntu/Linux

Languages: English (Intermediate), Hindi (Native)

Education

B.Sc.	**D.A.V PG College**, Physics, Maths, Computer Science	Muzaffarnagar, U.P.
	Grade: 68%	2020
12th	**LJP SVM Inter College**, Physics, Chemistry, Mathematics	Muzaffarnagar, U.P.
	Grade: 70%	2016
10th	**LJP SVM Inter College**, General Studies	Muzaffarnagar, U.P.
	Grade: 78%	2014