

# JAYKISHAN RAWAT

Full Stack Software Engineer

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[Portfolio](#) | [Github](#) | [LinkedIn](#)

## PROFESSIONAL SUMMARY

Full Stack Developer and BCA Gold Medalist with 3+ years of experience designing and building scalable, secure, and responsive web applications. Proficient in PHP (Laravel, Core PHP), JavaScript (React.js, Node.js), and modern DevOps practices. Skilled in Agile development, RESTful APIs, real-time systems (WebSockets, Socket.IO), and version control using Git. Strong problem solving background with a passion for back-end engineering and product architecture

## EXPERIENCE

### Full Stack Laravel Developer

Dec 2022 – Jan 2023

Kriscent Techno Hub Pvt. Ltd, Kota

- Developed backend logic for Exam Portal with question randomization, user roles, and admin features.
- Worked on Ludo Tournament, Laravel-based API, form validation, and MySQL database handling, Web-sockets.

### Freelance Full Stack Developer

Jan 2021 – Present

Remote

- Delivered 25+ custom Laravel and PHP web apps for clients across ed-tech and gaming domains.
- Built admin panels, payment integrations, and REST APIs with secure backend logic.

## PROJECTS

### Stock Market Exchange Platform (Client Project) | Laravel, Upstox API, Redis, Docker, ApexCharts | [View Project](#)

- Built a Full Stack Indian stock brokerage platform integrated with **Upstox WebSocket API** to stream live NSE/BSE Futures, Options, and MCX stock prices.
- Engineered a reliable **order-matching and wallet system** using **Laravel Queues and Jobs** for asynchronous transaction processing.
- Optimized the database by updating the **Last Traded Price (LTP)** via background jobs using real-time socket data, reducing response time by 3–10 seconds.
- Implemented **Redis** caching for frequently accessed price data, cutting down API calls and improving frontend performance by 20%.
- Visualized real-time market activity using **ApexCharts.js** to create dynamic charts and trend graphs.
- Containerized the Laravel application with **Docker** for streamlined deployment and horizontal scaling.
- Designed leaderboard, portfolio tracking, and filtering features using **sorting algorithms, hash maps, and indexing logic**.

### Fast2OTP.com (Full Stack Founder Project) | Laravel, WhatsApp Business API, REST, MySQL | [View Project](#)

- Founded and operate a revenue-generating OTP-as-a-Service platform offering WhatsApp-based authentication APIs to developers and businesses.
- Built secure REST API endpoints accepting `phone number + OTP` with resend limits, expiry logic, and webhook callbacks.
- Integrated **WhatsApp Business API** for scalable OTP delivery via verified templates.
- Implemented client-level **API key management, token-based access**, and detailed usage analytics with billing.
- Developed admin panel to manage customers, delivery logs, revenue reports, and monitor real-time system status.
- Used **Laravel queues** for background message dispatch and retry logic; deployed to production environment.

### Custom UPI Payment Gateway (Full Stack Founder Project) | Laravel, UPI APIs, QR Code, Webhooks | [View Project](#)

- Built a revenue-generating UPI Gateway platform that provides businesses and developers with APIs for automatic payment verification across **Paytm, PhonePe, BharatPe, Amazon Pay, and FreeCharge**.
- Exposed REST APIs to generate UPI QR codes using merchant-linked UPI IDs with custom amounts and transaction references.
- Implemented webhook callback system that instantly notifies clients on successful payment, enabling automation and real-time verification.
- Used **Laravel queue workers** to handle asynchronous verification and high-throughput webhook delivery.
- Handled request authentication, rate limiting, and transaction status tracking to ensure reliable API behavior.

### Ludo Tournament (Full Stack Laravel) | *Khel Buddy* | January 2023 | [View Project](#)

- Ludo tournament based on the **MVC architecture**, builds with live and hot reloading functionality.
- It is a **Ludo Tournament System** in which player can create challenges and earn money on winning. System generates **LUDO KING** roomcode using api and system decides the winner on the basis of screenshot submitted by both players.
- Integrated with **Firebase** OTP authentication system.
- contain admin panel with cms like - manage players, threshold amount, T & C + privacy policy's content, create operator and assign permission, datatables with date filter and exports buttons and so on.
- Used Languages, library & frameworks - **HTML, CSS, JS, PHP, MySQL, Laravel, Bootstrap, JQuery**.
- Used 3rd Party Resources : **CKEditor, JQuery Datatables**.

## Movie Recommendation System (Python Project) | TMDb dataset | July 2022 | [View Project](#)

- Built a content-based movie recommender using TMDb dataset, implementing vector-based similarity matching.
- Applied data preprocessing, feature extraction, and content filtering logic, simulating recommendation systems like those used in large-scale platforms.
- It is a **content based Recommendation System** and uses movies dataset of TMDb.
- Used programming languages is **Python** with **Jupyter Notebook**.
- Used Library : **pandas, numpy, ast**.
- Useful for recommended best movies to watch.

## EDUCATION

### Maa Bharti PG College | Gold Medalist | Kota University

Bachelor of Computer Application (1st Rank in University - 88.14)

July 2021 - April 2024

Rajasthan, India

### Jawahar Navodaya Vidhyalya | CBSE

High Schooling (Percentage - 81.60)

July 2013 - June 2020

Rajasthan, India

## TECHNICAL SKILLS

- **Programming Languages:** PHP, JavaScript, Python, Golang, C/C++, Java
- **Frontend Technologies:** React.js, HTML5, CSS3, Bootstrap, Tailwind CSS, jQuery, AJAX, Laravel Blade Template
- **Backend Technologies:** Laravel, Express.js, Core PHP, Node.js, REST APIs, MVC Architecture, Jobs and Queues, API Development, Microservices
- **Database:** MySQL, MongoDB
- **Tools & Platforms:** Git, GitHub, Postman, VS Code, Docker, Redis, Apache, Nginx
- **Real-Time Systems:** WebSockets, Socket.IO
- **Cybersecurity Tools:** Burp Suite, Nmap, sublist3r
- **Development Methodologies & Practices:** Agile, CI/CD, Git, Jira
- **Operating Systems:** Ubuntu (Cloud-Based), CentOS, Microsoft Windows
- **Computer Science Fundamentals:** Data Structures, Algorithms, Problem Solving

## ACHIEVEMENTS

- **Gold Medalist** in Bachelor of Computer Applications (BCA) with 88% aggregate — Ranked **1st out of 2000+ students** at Kota University
- **Tiger Badge** on Google Bug Hunter | 08 Feb 2022 - Awarded for submitting a valid vulnerability report to Google related to YouTube.