

KISHAN KUMAR SINGH

Senior Software Engineer | Full Stack | PHP · Laravel · TypeScript · Node.js · React.js · Python
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PROFESSIONAL SUMMARY

Results-driven Senior Software Engineer with 5+ years of experience building and scaling full-stack web applications using PHP (Laravel, CodeIgniter), JavaScript / TypeScript (React.js, Node.js), and Python. Hands-on with PostgreSQL, MySQL, and Redis for high-performance data layers. Proven track record in REST API design, microservices architecture, CRM platform engineering, and payment gateway integrations. Delivered a 99.8% performance improvement on a critical legacy module and built production systems handling 10,000+ records per run. Comfortable owning products end-to-end — from architecture to zero-downtime deployment — across both startup and enterprise environments.

KEY ACHIEVEMENTS

- 99.8% performance gain — refactored SugarCRM SQL loops from 22s to 0.044s execution time
- 10,000+ SMS leads per campaign processed without timeout using queue-based Twilio engine with cron scheduling
- 4 payment gateways integrated (Razorpay, PhonePe, Cashfree, PayU) with dynamic routing in a single product
- Near-zero client no-show rate achieved by automating MS Teams meeting reminders for US legal clients via Microsoft Graph API
- Estimated 25% dev-time reduction via AI-assisted coding (GitHub Copilot, Claude, ChatGPT)
- Cleared 12+ months of unresolved production bug backlog solo, including a critical Froala Editor failure blocking all users

WORK EXPERIENCE

Senior Software Development Engineer

Oct 2025 – Present

Innostax Software Labs Pvt. Ltd. | Gurugram, IN

- Sole engineer owning a business-critical SugarCRM v6.5 production ecosystem serving banking clients via realwired.com — managing stability, new features, and zero-downtime deployments end-to-end.
- Cleared a 12+ month backlog of unresolved production bugs, including a Froala Editor integration failure that had blocked content management workflows for all users.
- Integrated AI-powered Review Forms across realwired.com subdomains using SugarCRM v6.5 and Froala Editor, automating client review workflows for banking customers.
- Enforced Git Flow (Feature Branching → PR → Admin Review) ensuring clean commit history and full deployment auditability.
- Used AI tools (Claude, ChatGPT, Ollama) to accelerate root cause analysis and document undocumented system behaviour, reducing onboarding overhead.

Software Developer

Aug 2024 – Oct 2025

Goolean Technologies Pvt. Ltd. | Gurugram, IN

- Mentored 2 Senior Developers and 2 Interns on FastAPI and React.js; led a modernisation pilot migrating PHP monolith to microservices architecture.
- Architected and built the full REST API backend for Oyly (oyly.in) — a live dine-in platform — using CodeIgniter 3 with high-frequency polling schemas for real-time order sync between customer app and kitchen terminals.
- Built Clocktales HRMS (clocktales.com) from scratch: role-based attendance, complex shift management, and an automated leave calculation engine serving multiple companies.

- Integrated 4 payment gateways (Razorpay, PhonePe, Cashfree, PayU) with dynamic routing and unique booking slug generation per restaurant.
- Reduced API boilerplate and test-case overhead by ~25% using GitHub Copilot and ChatGPT across team workflows.

Junior Software Developer

Aug 2022 – Jul 2024

Nablasol Digital Service Pvt. Ltd. | New Delhi, IN

- Built and launched a commercial Microsoft Teams Connector for SugarCRM via Microsoft Graph API — automating meeting lifecycle (creation, invites, reminders) for US legal clients on SugarCRM v11/12/13, achieving near-zero no-show rates.
- Engineered a high-volume SMS campaign system (Twilio + Codelgniter) with a cron-based queue architecture reliably handling 10,000+ leads per run without server timeouts.
- Managed end-to-end delivery for US-based clients — requirements gathering, sprint demos, and production deployments; improved SLA compliance through third-party API integrations.

Software Developer (Intern)

Aug 2021 – Aug 2022

Nablasol Digital Service Pvt. Ltd. | New Delhi, IN

- Achieved 99.8% performance improvement by refactoring raw SQL loops into optimised SugarBean queries — cutting execution time from 22s to 0.044s on a critical production module.
- Developed 3 custom SugarCRM modules and enhanced 10+ core modules using Backbone.js and PHP; added structured error handling to eliminate production crashes.

Web Developer (Intern)

Feb 2021 – Jul 2021

Achiever Solutions Pvt. Ltd. | New Delhi, IN

- Built full-stack applications using Core PHP 7 and MySQL with custom Admin Panels, CRUD operations, and optimised SQL queries for improved database performance.
- Implemented AJAX and JavaScript for real-time content updates across multiple client websites, improving user experience and reducing page load dependency.

NOTABLE PROJECTS

Clocktales — HRMS Platform

clocktales.com

Stack: PHP (Codelgniter), React.js, MySQL, REST API, Microservices

- Multi-company HRMS built from scratch: role-based attendance, automated leave calculation, and complex shift management serving live production users.

Oyly — Dine-In Ordering App

oyly.in

Stack: PHP (Codelgniter 3), MySQL, REST API, Real-Time Polling

- Designed and built the full backend API layer with high-frequency polling schema enabling live order sync between customer app and kitchen terminals.

SugarCRM — Consumer Law Portal

sugar.consumerlaw.com

Stack: SugarCRM v11/v12/v13, PHP, Microsoft Graph API

- Engineered a Microsoft Teams Connector for a US legal firm's CRM — automating meeting scheduling, invites, and reminders via MS Graph API across SugarCRM versions 11, 12, and 13.

Smart Bid & Buy — Auction Platform

github.com/KishanSinghsw20/smart_bid_and_buy

Stack: Python, Django, MySQL, JavaScript

- Full-stack e-commerce auction system: real-time bidding logic, user authentication, and admin management dashboard.

TECHNICAL SKILLS

Languages: PHP | JavaScript ES6+ | TypeScript | Python | HTML5 | CSS3

Frameworks: Laravel | Codelgniter | Node.js | React.js | FastAPI | Django | Backbone.js | jQuery | Bootstrap

Backend & APIs: REST API Design | System Design | Microservices | SugarCRM (Logic Hooks, Module Builder)

Databases: MySQL | PostgreSQL | MSSQL | Redis

Frontend: React.js | TypeScript | Backbone.js | jQuery | Responsive UI Development | Bootstrap

DevOps & Tools: Git | Git Flow | CI/CD Pipelines | Docker | Linux/SSH | AWS (EC2, S3) | Postman | WinSCP

Security: JWT | OAuth 2.0 | Token-based Auth | RBAC | API Rate Limiting | Secure Credential Handling

Integrations: Microsoft Graph API | Twilio | Razorpay | PhonePe | Cashfree | PayU | Froala Editor

AI Tools: Claude (Anthropic) | GitHub Copilot | ChatGPT | Ollama | Gemini

EDUCATION

Master of Computer Applications (MCA)

Expected 2026

Indira Gandhi National Open University (IGNOU) | New Delhi, IN

Bachelor of Computer Applications (BCA)

2020 – 2023

Indira Gandhi National Open University (IGNOU) | New Delhi, IN