

NIRAJ KUMAR

Senior Full-Stack Developer & Application Security Specialist | PHP · Laravel · Angular 18 | 9 Years Experience

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PROFESSIONAL SUMMARY

Senior Full-Stack Developer with 9+ years of experience building secure, enterprise-grade applications for global pharma and healthcare organisations — Amneal Pharmaceuticals, Sun Pharma, Abbott, and Boehringer Ingelheim. Deep hands-on expertise in PHP, Laravel, CodeIgniter, Angular (v8–18), RESTful API design, JWT authentication, SSO integration, and GxP-compliant audit-trail systems.

Actively upskilling in Application Security and Cyber Security — with practical exposure to OWASP Top 10 mitigation, API security hardening, vulnerability assessment (OWASP ZAP, Burp Suite), and DPDP Act compliance. Positioned to bridge the widening gap between secure software development and cybersecurity in India's pharma and healthcare sector, one of the most targeted verticals in 2026.

Also leveraging AI-assisted development workflows (ChatGPT, Claude, Gemini) for faster, higher-quality delivery.

TECHNICAL SKILLS

Backend	PHP (7.x/8.x), CodeIgniter 3, Laravel (8/9/10/11), Slim Framework 4
Frontend	Angular (v8–18), AngularJS 1.x, JavaScript (ES6+), TypeScript, RxJS, jQuery, HTML5, CSS3
Databases	MySQL (5.7/8.x), MongoDB — schema design, query optimisation, indexing
APIs & Auth	RESTful API Design & Integration, JWT Authentication, SSO, RBAC, MVC Architecture
Application Security	OWASP Top 10 (XSS, SQLi, IDOR, CSRF) — prevention in production apps; API security hardening (rate limiting, input validation, token management); Vulnerability Assessment — OWASP ZAP, Burp Suite (Basic); Secure coding in PHP/Laravel/Angular; Audit trails & GxP/DPDP compliance; JWT/OAuth/SSO secure implementation; Data encryption & access control (RBAC)
AI & Automation	AI-assisted coding & debugging (ChatGPT, Claude, Gemini, Perplexity); Prompt engineering for code generation & documentation; LLM API basics (OpenAI); AI-powered development workflow automation
DevTools	Git, GitHub, Postman, XAMPP, WAMP, Deployment & Hosting
Domain	Pharma (GxP/Compliance, DPDP Act readiness), Enterprise Workforce Planning, Hospital Management, E-Learning

KEY ACHIEVEMENTS

- Delivered 4 enterprise-grade secure applications for global pharma brands — Amneal, Sun Pharma, Abbott, Boehringer Ingelheim — serving 1,000+ users across manufacturing and compliance domains.
- Built and maintained production RBAC systems with 5+ user tiers and JWT/SSO authentication; prevented real vulnerabilities including XSS and SQL Injection in pharma environments.
- Replaced paper-based logbooks with E-Logbook system for 3 pharma clients, achieving full audit-trail compliance — directly relevant to India's DPDP Act 2026 enforcement requirements.
- Full-stack ownership: independently architected end-to-end modules (API + DB + Angular UI) for DWAT workforce allocation engine, significantly reducing manual scheduling effort.
- Simultaneously maintained and enhanced 4 distinct client codebases on Laravel 11 and Slim 4, meeting all release deadlines.
- Employee of the Month (Oct 2018) and Deep Thinker Award (2018), Redcube Digital Media.

PROFESSIONAL EXPERIENCE

Senior Software Developer	Feb 2025 – Jan 2026
SMHS (Skillax Technology Payroll) — Client: Amneal Pharmaceuticals (DWAT)	
■ DWAT — Enterprise Workforce Planning & Resource Allocation System: Manufacturing workforce planning managing skill matrices, SOP qualifications, attendance, and real-time production scheduling.	
- Built RESTful API endpoints using PHP 7.4 + CodeIgniter 3 for real-time manpower allocation across 10+ production lines - Implemented JWT authentication and SSO login with secure session management; applied OWASP-aligned input validation preventing XSS and SQL Injection - Developed Angular 18 components with RxJS Observables for live dashboards; enforced RBAC for 5+ user tiers (Plant Head, Shift Supervisor, Worker) - Designed optimised MySQL schema for skill matrix and attendance; wrote complex JOIN/aggregate queries for real-time allocation reports	

- Implemented pharma GxP-compliant audit trail and compliance logging for all workforce changes — skills directly applicable to DPDP Act enforcement
- Resolved production performance bottlenecks through query optimisation and API response caching
- Used AI tools (Claude, ChatGPT) to accelerate development, debugging, and documentation

Stack: PHP 7.4, CodeIgniter 3, Angular 18, TypeScript, RxJS, MySQL 7.x, JWT, SSO, Git

Senior Software Developer

Aug 2024 – Jan 2025

NIIT Limited (Techbliss Payroll) — Clients: Boehringer Ingelheim & Kyndryl

■ **Boehringer Ingelheim University — Learning Request Management Platform: Global pharmaceutical training marketplace with multi-step workflow for learning request submission and tracking.**

- Designed and developed backend modules in PHP 8.0 + Laravel 11; built secure RESTful APIs for multi-step training request workflows with role-based access control
- Implemented data validation and API security best practices ensuring protection of sensitive enterprise training records
- Maintained MongoDB and MySQL databases for learning analytics, request tracking, and user management across multiple client environments
- Supported Kyndryl enterprise platform with analytics endpoints and bulk operation features handling high-volume corporate data

Stack: PHP 8.0, Laravel 11, Slim Framework 4, JavaScript, MySQL 7.x, MongoDB, RESTful APIs, Git

Senior Software Developer

Jan 2021 – Sep 2023

Samvardhana Motherson Health Solution Ltd. (Motherson Group)

■ **E-Logbook — Compliance Digital Logbook System (Sun Pharma, Abbott, OHM): Compliance-driven digital system replacing paper logbooks in regulated pharma manufacturing, with full audit trails and role-based access.**

- Architected backend in Laravel 9 + CodeIgniter 3; built configurable logbook modules deployed across 3 pharma clients with client-specific customisations
- Developed RBAC system with 5+ user tiers, workflow-based approval chains, and full audit logging — meeting GxP documentation requirements
- Built AngularJS and Angular 12 frontend components for logbook entry, review, and compliance reporting
- Designed MySQL schema for logbook versioning and audit trail ensuring regulatory inspection readiness
- Collaborated with QA and regulatory compliance teams — experience highly relevant to India's evolving DPDP compliance mandates for pharma

Stack: PHP, Laravel 9, CodeIgniter 3, AngularJS, Angular 12, MySQL 7.x, RESTful APIs, Git

PHP Developer

Aug 2017 – Dec 2020

Redcube Digital Media Pvt. Ltd.

Key projects: Fortis Escorts Hospital, Danone Nutricia Academy, Mommunity, Sea Skills

- Developed hospital management system for Fortis Escorts (Okhla) covering doctor scheduling, patient records, and appointment workflows
- Built all backend systems using CodeIgniter 3 and Core PHP; designed MySQL databases and CRUD admin dashboards
- Integrated third-party APIs and payment gateways; implemented input validation and data security practices

Stack: PHP, CodeIgniter 3, Core PHP, MySQL, JavaScript, jQuery, HTML5, CSS3

Web Designer & PHP Developer

Jan 2016 – May 2017

Bethink Technology

- Developed and maintained PHP-based web applications; built responsive UI layouts and integrated backend logic with frontend templates

PROJECTS — APPLICATION SECURITY & AI

Secure API Gateway (Demo Project)

- Implemented JWT authentication, refresh token rotation, rate limiting, and input sanitisation on a Laravel API
- Tested endpoints using OWASP ZAP for OWASP Top 10 vulnerabilities (SQLi, XSS, IDOR, broken auth)
- Documented security controls aligned with DPDP Act technical safeguards (encryption in transit, RBAC, access logging)

AI Code Assistant Tool (Mini Project)

- Built a developer tool using OpenAI/Claude APIs for automated code review, bug detection, and documentation generation
- Implemented automated error handling and secure API key management patterns

CAREER DEVELOPMENT

Jan 2026 – Present: Deliberate upskilling break focused on Application Security and AI-driven development. Completed intensive workshops via be10x and Scaler covering Angular automation, TypeScript workflows, and Laravel acceleration. Actively studying OWASP Top 10, API security, and India's DPDP Act compliance requirements for pharma/healthcare — sectors identified as highest-priority targets in India Cyber Threat Report 2026.

EDUCATION

