

Ashish Kumar

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Professional Summary

Web & ERP Developer with a strong background building and maintaining integrated business systems for manufacturing environments. Proficient in PHP, MySQL, Angular, and RESTful APIs with hands-on experience connecting web applications to ERP processes (including Infor Visual ERP familiarity). Delivered end-to-end solutions that streamline production workflows, automate data processes, and support operational efficiency.

Core Skills

- Frontend: Angular 18 (standalone), TypeScript, RxJS, HTML5, CSS3/SASS, Bootstrap, Chart.js
- Backend & APIs: PHP (MySQLi), RESTful API design, JSON, Webhooks, OAuth 2.0, JWT Authentication
- Databases & ERP: MySQL, MSSQL, indexing & optimization, stored procedures, JSON data; Infor Visual ERP familiarity
- Security: MFA (email OTP), AES-256-GCM encryption, input validation, XSS/CSRF protection, secure file upload
- Integrations: Stripe (subscriptions, invoices), HubSpot CRM, Gmail API (SMTP/OAuth), Apple Wallet (PKPass)
- Tools & Practices: Git, Composer, NPM, Postman, Visual Studio, IntelliJ, Agile delivery, documentation; applied AI-assisted tooling for efficiency

Professional Experience

MAK Consulting Group — Full Stack Software Developer (Support) — 2022 – Present

- Investigated and resolved production issues for manufacturing clients; improved stability and performance.
- Performed system analysis, code modifications, and functional testing across legacy and modern modules.
- Developed enhancements and deployed patches/hotfixes to optimize existing functionality and documentation.
- Collaborated with cross-functional teams to deliver new modules and streamline application performance.

F8th Inc — Database Administrator — 2021

- Managed SQL Server, MySQL, and MongoDB environments including backups/restores and health checks.
- Authored and optimized PL/SQL queries, stored procedures, and triggers for production workloads.
- Performed database performance tuning and indexing; supported developers with schema optimization.

Independent Project

NGC Digital Business Card SaaS Platform — 2023 – 2025

- Architected a full-stack SaaS platform for NFC-enabled digital business cards (Angular 18, PHP, MySQL).
- Built 100+ RESTful endpoints; implemented JWT with MFA, device fingerprinting, and role-based access control.
- Integrated Stripe for subscriptions and orders; automated receipts and webhook idempotency.
- Delivered real-time analytics dashboard (Chart.js) tracking views, exchanges, and session duration.
- Implemented secure uploads (MIME validation, path sanitization) and Apple Wallet (.pkpass) support.
- Live app: ngc.techmicrosolutions.com; business site: www.techmicrosolutions.com

Education

Mohawk College — Computer System Technician: Software Support (2015–2018)

Lovely Professional University (India) — Diploma in Computer Science Engineering (2011–2014)

Key Achievements

- Delivered a scalable SaaS product with 100+ RESTful APIs and 50+ Angular components.
- Improved API response times via indexing and optimized queries.
- Integrated 5 third-party systems (Stripe, HubSpot, Gmail API, Apple Wallet, FingerprintJS).
- Implemented MFA and device recognition to enhance account security.

References available upon request.