

# VINOD GOSWAMI

## Full Stack Software Engineer

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### PROFESSIONAL SUMMARY

Full Stack Software Engineer with **3+ years of hands-on experience** building production-grade web platforms, REST APIs, and e-commerce systems used by real businesses. Specialized in designing and delivering **complete end-to-end solutions** from architecture to deployment. Proven expertise in scalable backend services, payment and logistics integrations, authentication flows, and performance optimization. Strong track record of improving application reliability, security, and operational efficiency in fast-moving development teams.

### CORE COMPETENCIES

- Full-Stack Development:** End-to-end web application development with modern frameworks and best practices
- Backend Architecture:** REST API design, database optimization, server-side logic, and system integration
- E-Commerce Solutions:** Payment gateways, logistics APIs, inventory management, and order processing
- Performance Engineering:** Application optimization, caching strategies, load time reduction, and scalability
- Security Implementation:** OAuth authentication, CAPTCHA integration, DDoS protection, and data encryption
- Business Systems:** CRM platforms, lead management, analytics dashboards, and workflow automation

### PROFESSIONAL EXPERIENCE

#### Software Engineer - Full Stack

Dec 2024 - Jan 2026

CHAMEZA GROUP | Mumbai, Maharashtra, India

*Owned and delivered production-grade full stack platforms for business and e-commerce applications.*

- Architected and developed **20+ production websites** including multilingual business platforms, e-commerce systems, and internal management tools using PHP, Node.js, React, and MySQL
- Designed and implemented **scalable REST APIs** and backend systems with secure authentication, data validation, and third-party service integrations
- Achieved **71% performance improvement** by reducing average page load time from 7s to 2s through advanced caching, code optimization, compression, and architectural enhancements
- Built custom **WordPress plugins and Chrome extensions** to automate internal reporting workflows, reducing manual effort by 60%
- Integrated **payment gateways** (Razorpay), **shipping APIs** (Shiprocket), and third-party services with robust error handling and security measures
- Implemented comprehensive **analytics and tracking** using GA4, Google Search Console, schema markup, and structured event tracking for data-driven decision making

#### Featured Project - Vyoyin (Women's Fashion E-Commerce Platform):

- Engineered a **complete full-stack e-commerce ecosystem** with advanced product filtering, live search, customer reviews, and automated operational workflows
- Implemented **multi-layered security** including manual and Google OAuth authentication, Cloudflare Turnstile CAPTCHA, and DDoS protection
- Integrated **Razorpay payment gateway** supporting multiple payment methods and **Shiprocket logistics automation** for end-to-end order fulfillment
- Developed dedicated **Admin Control Panel** and **Electron-based accountant desktop application** for comprehensive business management

- Enhanced user experience with **PWA support**, Android WebView APK, and real-time push notifications
- **Business Impact:** Fully automated sales, inventory, and reporting workflows; improved platform performance and scalability for sustainable business growth

## Associate Software Engineer - Full Stack

Nov 2022 - Nov 2024

KR IT Info Solutions Pvt. Ltd | Mumbai, Maharashtra, India

*Developed full-stack web applications and internal tools for education-focused products.*

- ◇ Successfully delivered **10+ responsive production websites** with focus on user experience, performance, and accessibility
- ◇ Built and maintained **student dashboards, admin panels, and content management systems** serving thousands of active users
- ◇ Integrated **Firebase** for real-time data synchronization, user authentication, and cloud storage functionality
- ◇ Developed **reusable UI component library** using React and Bootstrap, improving development efficiency across projects
- ◇ Achieved **30% reduction in bounce rate** through strategic UI/UX improvements and performance optimization techniques
- ◇ Automated content upload workflows and analytics tracking, **reducing manual effort by 50%** and improving data accuracy
- ◇ Collaborated with cross-functional teams to deploy and maintain scalable applications with high reliability standards

## KEY PROJECTS

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### 1. Vyoyin - Women's Fashion E-Commerce Platform

*Tech Stack: PHP, React, MySQL, Node.js, Razorpay, Shiprocket, Google OAuth, Cloudflare, Electron.js*

- ★ Designed and developed comprehensive e-commerce platform from ground up with complete product catalog, shopping cart, wishlist, and streamlined checkout workflows
- ★ Implemented **advanced filtering system** by category, price range, size, color, brand, and availability with real-time live search functionality
- ★ Built customer **review and rating system** with moderation capabilities, image uploads, and verified purchase badges
- ★ Developed secure **authentication system** supporting manual registration/login and Google OAuth 2.0 integration with Cloudflare Turnstile CAPTCHA
- ★ Integrated **Razorpay payment gateway** with support for credit/debit cards, UPI, digital wallets, net banking, and EMI options
- ★ Implemented **Shiprocket logistics API** for automated shipment creation, real-time tracking, shipping label generation, and carrier selection
- ★ Created comprehensive **Admin Control Panel** for inventory management, order processing, customer management, and business analytics
- ★ Developed **Electron-based desktop application** for accountants featuring sales reports, financial analytics, invoice management, and tax calculations
- ★ Added **Progressive Web App (PWA)** support for offline functionality, app-like experience, and improved mobile engagement
- ★ Built Android **WebView APK** for native mobile experience with push notifications and deep linking
- ★ Implemented **real-time notification system** for order confirmations, shipping updates, and promotional campaigns
- ★ Configured **Cloudflare CDN and DDoS protection** for enhanced security, performance, and 99.9% uptime
- ★ Developed automated **inventory management** with low-stock alerts, reorder points, and supplier integration

### 2. Lead Management and CRM System

*Tech Stack: PHP, MySQL, JavaScript, REST API, jQuery, Chart.js*

- ★ Developed comprehensive **Customer Relationship Management (CRM)** platform for business lead tracking, qualification, and sales pipeline management
- ★ Built intuitive **lead capture system** with web forms, API integrations, and automated lead assignment based on territory and workload
- ★ Implemented **intelligent lead scoring algorithm** based on engagement metrics, demographic data, and behavioral patterns
- ★ Created **visual sales pipeline** with drag-and-drop interface for moving leads through qualification, proposal, negotiation, and closing stages
- ★ Developed comprehensive **analytics dashboard** with conversion rate tracking, sales funnel visualization, revenue forecasting, and performance metrics
- ★ Built **automated reporting system** generating daily, weekly, and monthly reports with customizable KPIs and export functionality
- ★ Implemented **role-based access control (RBAC)** with granular permissions for sales reps, team leaders, managers, and administrators
- ★ Integrated **email notification system** for lead assignments, follow-up reminders, status updates, and escalation alerts
- ★ Developed detailed **activity logging** tracking all customer interactions, calls, emails, meetings, and touchpoints
- ★ Built **real-time collaboration features** for team communication, lead notes, and instant updates across the organization
- ★ Created **REST API endpoints** for integration with marketing automation tools, email platforms, and third-party services
- ★ Implemented **custom reporting module** with advanced filters, data visualization, and export capabilities in PDF, Excel, and CSV formats
- ★ Designed **mobile-responsive interface** for on-the-go access by field sales teams on tablets and smartphones

### 3. Inventory Management System

*Tech Stack: PHP, MySQL, JavaScript, Bootstrap, jQuery, DataTables*

- ★ Created comprehensive **inventory tracking system** with real-time stock level monitoring across multiple warehouses and locations
- ★ Implemented **automated alert system** for low-stock notifications, expiry date warnings, and overstock situations via email and dashboard
- ★ Built **purchase order management module** for supplier coordination, order tracking, delivery scheduling, and invoice reconciliation
- ★ Developed **supplier management system** with contact database, pricing history, performance metrics, and vendor ratings
- ★ Implemented **barcode scanning functionality** using mobile cameras and handheld scanners for quick product lookup and stock updates
- ★ Created **batch and serial number tracking** for complete product traceability, quality control, and warranty management
- ★ Built comprehensive **analytics dashboard** for inventory turnover ratio, stock valuation, movement analysis, and trend forecasting
- ★ Developed **automated reorder workflow** based on minimum stock levels, lead times, and demand forecasting algorithms
- ★ Implemented **inter-warehouse stock transfer** functionality with approval workflows and shipment tracking
- ★ Created detailed **reporting system** for inventory audits, stock reconciliation, variance analysis, and regulatory compliance
- ★ Built **multi-level user access control** with specific permissions for warehouse staff, inventory managers, and administrators
- ★ Integrated with **accounting system** for real-time inventory valuation, cost of goods sold (COGS), and financial reporting

- ★ Designed **mobile-friendly interface** for warehouse operations on tablets and smartphones with offline capability
- ★ Implemented **data export and import** capabilities for integration with ERP systems, accounting software, and external reporting tools

## TECHNICAL SKILLS

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Languages:	PHP, JavaScript (ES6+), Node.js, SQL, HTML5, CSS3
Frontend:	React.js, Bootstrap, jQuery, Tailwind CSS, Responsive Design, Progressive Web Apps (PWA)
Backend:	Node.js, Express.js, REST API Development, WordPress (Custom Plugins & Themes), MVC Architecture
Databases:	MySQL, Firebase Realtime Database, Database Optimization, Query Performance Tuning
Payment Systems:	Razorpay Payment Gateway, Payment Webhooks, Transaction Management, Refund Processing
Logistics:	Shiprocket API, Shipment Tracking, Label Generation, Multi-carrier Integration
Authentication:	Google OAuth 2.0, JWT, Session Management, Cloudflare Turnstile, Role-Based Access Control
Cloud & DevOps:	Cloudflare (CDN, DDoS Protection), cPanel, FTP/SFTP, Linux Server Administration
Development Tools:	Git, GitHub, VS Code, Postman, Chrome DevTools, npm, Composer
Desktop Apps:	Electron.js, Cross-platform Desktop Application Development
Performance:	Caching (Redis, Memcached), Image Optimization, Code Minification, Compression, CDN Configuration
SEO & Analytics:	Google Analytics 4 (GA4), Google Search Console, Schema Markup, Meta Tags, Structured Data
Methodologies:	Agile/Scrum, Code Review, Version Control, API Documentation, Testing & Debugging

## EDUCATION

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Software Diploma in Web Development & Digital Multimedia DesignApr 2022 - Mar 2023

Laqshya Institute of Skills Training

Specialization: Full-Stack Web Development, Database Management, UI/UX Design

## PROFESSIONAL STRENGTHS & ATTRIBUTES

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- End-to-End Ownership:** Proven ability to own features from architecture design through deployment and maintenance
  - Problem-Solving Excellence:** Strong analytical skills with focus on scalable, maintainable, and efficient solutions
  - Performance Optimization:** Demonstrated expertise in improving application speed, reliability, and user experience
  - Fast-Paced Adaptability:** Thrives in agile environments with changing requirements and tight deadlines
  - Code Quality Advocate:** Committed to writing clean, well-documented, testable code following industry best practices
  - Team Collaboration:** Effective communicator with experience working across cross-functional teams
  - Self-Motivated Learner:** Continuously updating skills with latest web technologies, frameworks, and development trends
  - Business-Focused Mindset:** Understanding of how technical decisions impact business outcomes and user satisfaction
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