

Hemant Durdhawale

Senior Software Developer

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EXPERIENCE

Senior Software Developer

Jun 2023 — Present

Insnapsys Technologies Pvt Ltd

Core backend contributor to a distributed multi-tenant enterprise platform for network observability, configuration data management, and operational reporting, used in telecom and large-scale enterprise environments.

- Led development of an IP Address Management (IPAM) module, enabling network-aware IP allocation, large-scale inventory handling, and more efficient device-to-network mapping workflows.
- Improved performance of IP selection workflows handling millions of IP addresses, achieving up to 90% optimization by converting IPs to long integers, applying device- and network-aware filtering, and improving query and schema design.
- Built configurable data-management features that allowed users to define custom entity types, assign attributes, manage relationships, and extend platform behavior without relying on rigid hardcoded database models.
- Developed systems that automatically created and updated database tables based on entity classifications, assigned attributes, and repository rules, enabling flexible schema evolution as configurations changed.
- Built multi-level dashboarding features that allowed users to filter records, break them down by selected attributes, visualize results through pie charts, and drill down into row-level tabular views.
- Built the MVP of an AI-based recruitment platform with job posting, resume screening, criteria-based shortlisting, and configurable AI interview flows supporting custom rounds, question themes, template questions, and dynamic question generation.
- Built queue-driven and scheduled background workflows to improve system responsiveness, reliability, and processing efficiency.
- Contributed to backend design for on-premise, hybrid, and restricted-network deployments where operational reliability and maintainability were critical.
- Performed code reviews, mentored junior developers, and improved engineering quality through maintainability-focused development practices.

Software Developer

May 2021 — May 2023

Insnapsys Technologies Pvt Ltd

- Built backend features and enterprise workflows using PHP, Laravel, and the LAMP stack for large web applications.
- Worked with MySQL, Oracle, and MS SQL Server to support varied client deployment and integration requirements.
- Developed responsive interfaces using Blade, Livewire, Vue, JavaScript, jQuery, HTML, and CSS.
- Implemented SAML-based Single Sign-On (SSO) for enterprise authentication and security integration.
- Developed a password automation module supporting scheduled generation, deployment to third-party systems, and execution tracking.
- Collaborated closely with clients to gather requirements and deliver tailored technical solutions.

PROJECTS

Laravel Data Migrations Plus

Apr 2026

Open-source Laravel package for managing versioned application data changes such as backfills, master/reference data updates, and reconciliation patches using a migration-like workflow.

PHP · Laravel · Data Migrations · Package

Voyager

Apr 2026

Chrome extension that turns manual exploration of a SaaS product into a structured Markdown report describing screens, flows, UI patterns, visual design system, and interaction model.

Chrome Extension · JavaScript · AI · Product

TradeAi

Feb 2026

Trading copilot for the Indian market that ingests NSE bhavcopy data daily and generates a ranked playbook for the next trading session.

Laravel · Trading · Data Processing

BanterRoom

Jan 2026

Online party games platform that enables large groups to play interactive social games in real time.

Laravel · Real-time · Games

IPTools

Jan 2026

PHP library for manipulating IPv4 and IPv6 network addresses, forked and extended from the S1lentium/IPTools package.

PHP · Networking · IPv4/IPv6

Crypto Tools

Feb 2025

Web application offering a comprehensive suite of cryptographic utilities, including hashing, encoding/decoding, and encryption tools.

Cryptography · Laravel · React

PumpUp

Mar 2024

AI-powered gym equipment e-commerce platform using Retrieval Augmented Generation (RAG) for semantic search and chat-based product assistance.

Laravel · AI · RAG · E-commerce

SKILLS

LANGUAGES PHP · Go · JavaScript

BACKEND Laravel · Livewire

FRONTEND Alpine.js · Vue.js · Tailwind CSS

DATABASES MySQL · Oracle · MS SQL Server

TOOLS Git · Bash

PLATFORMS Linux · Windows · macOS

OTHER Web Application Penetration Testing

AWARDS

People's Choice Award

Oct 2025

Insnapsys

Recognized for strong collaboration, helping teammates when needed, and contributing to overall team success beyond individual responsibilities.

Code Virtuoso

Oct 2024

Insnapsys

Awarded for consistently delivering excellent results and driving performance-focused improvements in engineering work.

Appreciation Certificate

Oct 2023

Insnapsys

Recognized for dedication, excellent contributions, and continued commitment to team and organizational goals.

EDUCATION

Bachelor of Engineering

2017 — 2021 · CGPA 7.9

Computer Engineering · University of Pune