

MONISH KHAMBAKAR

software Developer

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📍 Pune, India

SUMMARY

Full Stack Developer with 3+ years of experience building and scaling web applications using **PHP, React.js**, and **Node.js**. Skilled in **REST API development, MYSQL**, and **DevOps automation** with **Docker, Jenkins (CI/CD)**, and **AWS (S3, EC2)**.

Leverage AI tools – ChatGPT, Claude, GitHub Copilot, and Google Studio – to accelerate development, improve code quality, and optimize system design.

Passionate about **GenAI, microservices**, and **cloud technologies**, with a strong focus on problem-solving, performance, and continuous learning.

SKILLS

- **Frontend** : React.js, Redux, HTML5, CSS3, Bootstrap, Material-UI, Responsive Web Design, Client-Side Optimization
- **Backend** : PHP (Core & OOP), Node.js with Express.js, API Integration, JWT Authentication, OAuth, Microservices, MVC
- **Databases** : MySQL, MongoDB, Query Optimization
- **DevOps & Cloud Tools** : Docker, Jenkins (CI/CD), Git, GitHub, Bitbucket, Jira, Apache, AWS (S3, EC2)
- **AI-Assisted** : ChatGPT, Claude, GitHub Copilot, Google Studio – to improve code efficiency, architecture planning, debugging, and documentation.
- **Operating Systems** : Linux, Windows

WORK EXPERIENCE

Software Developer | Plus91 Technologies Pvt. Ltd | Pune, India

Apr 2022 – Present

- Built and optimized Hospital Management System (HMS) modules using PHP, MySQL, JavaScript, and jQuery, improving performance and UX.
- Implemented Jenkins CI/CD pipelines, Docker containers, and AWS S3 for automated, scalable deployments.
- Developed backend APIs for the PHR mobile app, ensuring smooth real-time data synchronization.
- Led Pharmacy Stock Management System (React, Node.js, Express.js) – automated stock tracking, expiry alerts, and vendor workflows, improving efficiency by 35%.
- Utilized AI tools (ChatGPT, Copilot, Claude, Google Studio) for code optimization, documentation, and system design.
- Applied microservices architecture to enhance scalability and maintainability across backend services.
- Improved existing modules (EHR, Billing, Scheduling, Inventory), reducing response times by 30%.
- Continuously learning GenAI, microservices, and AWS to modernize backend processes and boost development efficiency.

PROJECTS

Hospital Management System (HMS)

Duration: May 2022 – Present | **Organization:** Plus91 Technologies Pvt. Ltd

Tech Stack: PHP, MySQL, JavaScript, jQuery, Bootstrap, AJAX, REST APIs, Jenkins, Docker, AWS S3

- Led development of a large-scale **HMS** to streamline patient, billing, pharmacy, and staff operations.
- Built modules for **IPD, EHR, Scheduling, and Pharmacy Stock** with secure and efficient data flow.
- Automated deployments using **Jenkins CI/CD** and integrated AWS S3 for scalable storage.
- Developed APIs for the **PHR mobile app**, ensuring real-time data sync.
- Used **AI tools** (ChatGPT, Copilot) for code optimization and architecture improvements.
- **Result:** Improved reliability, reduced errors, and cut deployment time by **25%**.

Pharmacy Stock Management System

Duration: Apr 2024 – Mar 2025 | **Organization:** Plus91 Technologies Pvt. Ltd

Tech Stack: React.js, Node.js, Express.js, MongoDB, Material-UI, REST APIs

- Built a full-stack **pharmacy inventory system** to manage stock, vendors, and drug expiry.
- Automated **orders, alerts, and reconciliation** using cron-based background jobs.
- Implemented role-based access and integrated **analytics dashboards** for real-time insights.
- Applied **AI-powered code generation** for logic refinement and faster prototyping.
- Adopted **microservice architecture** for scalability and improved API performance.
- **Result:** Reduced stock-outs by **35%** and improved reporting efficiency.

Multivendor Inventory Management System (Personal Project – In Progress)

Tech Stack: MERN (MongoDB, Express.js, React.js, Node.js), Redux, WebSockets, JWT, OAuth

- Designing and developing a **multi-vendor inventory platform** enabling real-time collaboration between vendors and administrators.
 - Implementing **WebSocket-based chat** using **Socket.io** for instant communication and support.
 - Integrating **JWT & OAuth** for secure authentication and session management.
 - Managing role-based access and permissions through **Redux** for reliable state handling.
 - Utilizing **AI-assisted tools** for architecture planning, component optimization, and interface enhancement.
 - **Status:** Actively under development – focused on scalability, concurrent user handling, and seamless user experience.
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