

# Vikas L Halikatti

## Backend Developer

Bengaluru, India

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## Summary

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Backend-focused ERP Developer with **nearly 2 years of experience** designing, developing, and white-box testing enterprise ERP modules using **PHP, MySQL, and RESTful APIs**. Experienced in **inventory, production planning, purchasing, pricing, audit tracking, and reporting systems** for a large aerospace manufacturing client with 100+ daily users. Proven ability to **implement complex business logic, resolve production issues, optimize SQL queries, and build backend APIs**. Seeking a **Backend Developer** role focused on **API development** using **PHP or Java Spring Boot**.

## Experience

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### Junior ERP Developer

*Fluent Soft Technologies, Bangalore*

**Apr 2024 - Present**

- Engineered and maintained core ERP modules using PHP and MySQL.
- Performed white-box testing to validate business logic and database operations.
- Worked on Stores, GRN, Production (DCP), Master Pricing, Purchasing, Audit Trail, and Planning Reports.

#### **Production – Detail Capacity Planning (DCP)**

- Implemented scheduling logic based on available stock.
- Calculated machine-wise operation start/end times.
- Implemented operation dependency logic.

#### **Pre-GRN & GRN**

- Implemented invoice validation between Pre-GRN and GRN.
- Ensured GRN cost did not exceed pre-GRN invoice cost.
- Configured approval workflows for price deviations.

#### **Master Parts Pricing**

- Compared awarded prices with purchase prices for RM, bought-out, consumable, and SP parts.
- Calculated percentage variance and triggered approval workflows.

#### **Planning & Production Reports**

- Built machine-level and part-level planning reports.
- Compared scheduled vs. produced quantities from work orders.
- Implemented QA workload tracking and ETA calculations

#### **Software Audit Trail**

- Implemented system-wide audit trail for data changes.
- Compared submitted values with backend records.

#### **API Development**

- Developed API to retrieve treatment cost data from internal treatment ERP.
- Generated cost reports for the Service Purchase Order department.

#### **SQL Performance Optimization**

- Removed redundant joins and simplified queries.
- Used in-memory arrays to improve report performance.

## Education

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B.E., Information Science & Engineering, Bangalore, 2018 — 2022  
Sambhram Institute of Technology

## Skills

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- PHP | Java | SQL | JavaScript | Spring Boot | Hibernate | JDBC | HTML | CSS | React (Basic)**

## Hobbies

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- Music | Mobile Photography | Cooking

## Achievements & Certifications

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- 1st Place – ZP Robo Camp (2019)
- Java Full Stack Software Development – JSpiders, Bangalore