

HIRAL RAJGOR

Senior Backend Engineer · PHP Full-Stack Developer · Logistics, Supply Chain & ERP Specialist

Gandhidham, India (Open to Remote – UK/US/India) | +91 9712295105 | hiralrajgor254@gmail.com | [LinkedIn](#) | [Portfolio](#) | [GitHub](#) | [accura.entelix.in \(SaaS\)](#)

PROFESSIONAL SUMMARY

Senior Backend Engineer with 8+ years of end-to-end ownership across logistics, supply chain, port operations, transport, healthcare, and education domains. Expert in translating complex client requirements into clean, scalable software — deciding architecture, tech stack, and delivery approach from day one. Known for dramatic performance wins (MySQL query optimization cutting page loads from 12s to 0.1s), deep debugging ability, and building enterprise-grade systems that non-technical users can actually operate. Hands-on lead who stays closely engaged with clients throughout.

TECHNICAL SKILLS

Backend: PHP 8.x, Laravel 12, Phalcon, CodeIgniter, PHPUnit (Unit & Integration Testing), RESTful API Design, SwaggerPHP
Database: MySQL, SQLite3, PostgreSQL, Advanced Query Optimization, Indexing Strategy, Stored Procedures, Events, Triggers
DevOps & Cloud: Docker, NGINX, Apache, AWS S3, Google Cloud Storage, Firebase, GitLab CI/CD
Frontend: JavaScript (ES6+), HTML5, CSS3, jQuery, Responsive UI Design
Integrations: ULIP (Govt API), GST IRN, E-Invoice, E-Way Bill, EDI (MSC), Tally, WhatsApp Business API
Architecture & Process: API-first Design, MVC, SaaS Development, Agile/Scrum, BRD & API Documentation, Sprint Planning
Strengths: Performance Debugging, Root Cause Analysis, Alternate Solution Design, Client Requirements Analysis, Converting Manual work to zero touch systems, Team Mentorship, Automated Tasks and Schedulers

PROFESSIONAL EXPERIENCE

Senior Software Engineer

Jan 2022 – Present

Empezar Software Labs · Gandhidham, India (Remote) · Key Client: Adani Group

- **Technical lead and solution architect** for Adani Group's port operations ERP — live across all Adani Ports in India. Owned requirements, database design, API architecture, tech stack decisions, team leadership, and production deployments.
- **MySQL Performance Engineering:** Reduced page load times from **12s → 0.1s** through query rewrites, indexing strategy, and execution plan analysis. Routinely writes stored procedures, triggers, and database events for automated business logic.

Yard Management System (YMS) — Adani Ports

- **Algorithm-driven container slot assignment:** auto-assigns incoming containers to optimal empty yard spaces based on size, type, and availability and user defined different parameters — eliminating manual yard coordination.
- Real-time yard visualization dashboard lets supervisors manage entire port yards from their cabin — reducing dependence on ground-level manual checks. Automated gate-in/gate-out workflows with real-time container location tracking and auto-generated job orders for yard staff.
- **MSC Container EDI Automation : Zero-touch EDI pipeline:** system autonomously dispatches and receives EDIs with MSC shipping line, syncing container statuses into the ECY platform in real time — eliminating an entire category of manual data entry.
- **CMS Survey, Maintenance & Repair Platform :** Dual-portal web application (internal teams + third-party vendors) for container survey tracking, repair approvals, and job assignment with role-based access control and complete audit trails.

Econnect — Project, HR & Sprint Management Platform

- **Designed and built from scratch:** full project management tool covering projects, epics, modules, tasks, bugs, sprint planning, meeting minutes, and HR workflows — all in one platform.
- **Daily Standup Tracker:** Records each employee's task progress, time spent per task type (feature, bug, support, meeting), and completion percentage — feeding accurate timesheet data without manual reporting overhead.
- **Utilization Analytics:** Dashboards showing each employee's total available hours vs. sprint-utilized hours; project cost summaries broken down by module and task type (e.g. 'meetings: 40 hrs, bugs: 50 hrs') — enabling **data-driven sprint planning, realistic project estimation, and team performance tracking.**

Senior Software Engineer

Jun 2020 – Dec 2021

IDEX Solutions · Gandhidham, India

- Promoted technical leadership across complex enterprise domains; mentored junior engineers and evaluated proposed solutions against feasibility and performance requirements.
- **School Management System** : End-to-end school ERP managing students, teachers, batches, timetables, attendance, examinations, report cards, and certificate generation — handling the full academic lifecycle from enrolment to graduation.
- **Workshop Management System — Mechanical Fleet Workshops** : Built for large transport companies' in-house mechanical workshops: job card creation and tracking, spare parts and oil inventory management, stock consumption analytics, vehicle utilization reports, and mechanical parts lifecycle tracking — giving workshop managers full visibility into fleet maintenance costs.
- **Transport Management System** : Complete transport operations platform: trip management, LR (Lorry Receipt) generation, E-Way Bill integration, driver bhatta (allowance) calculation against trips, tyre health tracking, fuel cost management, and full P&L analytics for transport companies.

Software Developer

Apr 2017 – May 2020

Empezar Consulting Pvt. Ltd. · Gandhidham, India

- Built strong client-facing practice: understanding non-technical business needs and translating them into intuitive, efficient software designs — always asking 'how will the client actually use this day-to-day?'
- **Grievance Management System with WhatsApp Chatbot** : Employees raise HR complaints, query leave balances, and check holiday policies directly via WhatsApp — HR admins manage everything through a web portal, eliminating manual email/call workflows entirely.
- **Import - Export – Transport – Clearing – Accounting – ERP** : Delivered an integrated Import-Export, Transport & Clearing ERP with built-in GST-compliant accounting — unifying shipment management, freight operations, clearing documentation, and financial reporting into a single platform.

SAAS PRODUCT — INDEPENDENT

entelix.in

Accura — Cloud Accounting Platform

accura.entelix.in

- Sole architect and developer of a production SaaS accounting platform supporting both Service and Goods businesses — invoicing, GST compliance, GSTR reports, multi-user access, multi-company and financial reporting. **Built with CI4, later upgraded to Laravel 12 and MySQL**; hosted on cloud infrastructure. Demonstrates full product ownership from design to live deployment.

KEY ACHIEVEMENTS

- **12s → 0.1s page load**: Eliminated critical ERP performance bottlenecks through MySQL query rewrites and indexing — directly improving daily productivity for port operations staff. Optimized overall all the pages that was already built.
- **PAN India enterprise scale**: Delivered and maintained a live port operations ERP running across all Adani Ports in India.
- **Zero-touch EDI pipeline**: Automated MSC container status pipeline, cutting update lag from hours to minutes.
- **8 domains delivered end-to-end**: Logistics, port operations, transport, mechanical workshop, hospital, school, accounting, and HR — demonstrating adaptability across business verticals.

EDUCATION

MBA — Data Science & Analytics (CGPA: 7.88 / 10)

Jul 2023 – Nov 2025

Manipal University Jaipur · Online

B.E. — Information Technology (CGPA: 8.77 / 10)

Jun 2013 – Jun 2017

Gujarat Technological University · Gujarat, India

ADDITIONAL

Languages: English (Professional), Hindi (Native), Gujarati (Native)

Availability: 60 Days (Negotiable) · Remote · Comfortable with UK/US time zone overlap

Interests: Reading, Travelling, Sketching & Art