

MUHAMMAD SHAWAL

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PERSONAL SUMMARY

Focused and results-driven software developer with expertise in backend and frontend technologies. Strong problem-solving and critical thinking abilities with a passion for delivering impactful digital solutions.

SKILLS

- **Backend:** Node.js, Nest.js, Express.js, TypeScript, Laravel, PHP, RESTful APIs, RabbitMQ, Docker, Firebase,
- **Frontend:** React.js, Vue.js, Next.js JavaScript, HTML5, CSS3, Tailwind CSS, Alpine.js, Livewire
- **Databases:** PostgreSQL, MongoDB, MySQL, Redis, MS SQL
- **DevOps:** CI/CD Pipelines, Jenkins, AWS, Docker, Git/GitHub, Kong Gateway, Linux, Cpanel
- **Monitoring:** ELK Stack (Elasticsearch, Logstash, Kibana)
- **Security:** JWT, OAuth2, Data Encryption, Role-Based Access
- **version Control:** GitHub, Git
- **Others:** Supabase, Postman, Pusher, Object-Oriented Programming, Algorithms

EXPERIENCE

Software Developer, Telecard Pvt. Ltd

Dec 2024 – Present

SaaS-Based CRM Platform

- Leading development of a multi-tenant SaaS CRM using microservices architecture
- Backend: Node.js, Nest.js, TypeScript
- Designed and implemented modules: Sales, Marketing, Inventory, Tickets, Workflows
- Built license & subscription system with encrypted key generation
- Integrated Kong Gateway, RabbitMQ, Redis, and Docker-based CI/CD
- Developed per-tenant DB isolation using PostgreSQL
- Used React.js and Tailwind CSS for frontend
- Managed mailing via Nodemailer & Mailgun
- Implemented JWT/OAuth2 for secure access and ELK Stack for monitoring

Field Resource & Daily Wager Management System (MERN Stack + Firebase)

- Designed and developed a complete field resource and daily wager management platform using MERN stack and Firebase for real-time data synchronization.
- Built modules for Employee, Supervisor, Contractor, Department, and Designation management.
- Implemented Geo-fencing, attendance tracking, and live location monitoring for supervisors and workers.
- Developed Cash Memo feature with Debit/Credit entries, ledger reports, and approval workflow.
- Created role-based access control (Admin, Supervisor, HR, Finance) with secure JWT authentication.
- Built REST APIs for mobile applications to handle attendance, cash memo submissions, and reporting.
- Integrated Firebase Realtime Database for live updates and notifications.
- Designed analytics and reporting dashboards for HR and management to monitor workforce performance.

Contact Plus Portal

- Built call management system with Admin/Agent panels and real-time dashboard
- Created REST APIs and optimized with queue jobs for async tasks
- Integrated Laratrust for roles/permissions and Laravel Pusher for real-time chat
- Developed frontend with React.js, Redux; implemented call logging & notifications
- Added detailed call analytics and performance reports for admins to monitor agent efficiency
- Integrated email and SMS notification service for missed calls and customer follow-ups

PHP Laravel Developer, Ismail Industries Pvt. Ltd

Oct 2023 – Dec 2024

- Developed HRMS portal using Laravel, JavaScript, AJAX, and Vue.js
- Implemented user authentication, authorization middleware, and role-based access control
- Created/consumed RESTful APIs; optimized queries using caching techniques
- Developed sales and distribution portals for dealer onboarding and order processing
- Integrated Firebase for real-time operations and notifications
- Handled asynchronous processes with queue jobs to enhance performance

PHP Laravel Developer, Source Code

Nov 2020 – Oct 2023

- Built e-commerce websites using PHP Laravel, AJAX, Vue.js
- Developed and tested APIs for third-party integrations (PayPal, Stripe, etc.)
- Contributed to HCM portal: attendance, location tracking, loan, salary modules
- Managed databases in SQL Server and MySQL

EDUCATION

- BSCS, Indus University | Jan 2022
- Intermediate, Degree Science College

CERTIFICATIONS

- Graphic Designing

HOBBIES AND INTERESTS

- Swimming
- Cooking
- Technology
- Gym
- Music
- Reading