

Ritik

Software Engineer | Backend Developer

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Professional Summary

Backend-focused Software Engineer with experience building fintech, ERP, automation, and payment management systems using Laravel, PHP, MySQL, and Python. Skilled in REST API integration, transaction workflows, web scraping, responsive web applications, and role-based systems. Passionate about scalable backend architecture, clean system design, and solving real-world business problems.

Technical Skills

- **Backend:** PHP, Laravel, Python, REST APIs, AJAX
- **Frontend:** HTML, CSS, Bootstrap, JavaScript, jQuery
- **Database:** MySQL
- **Tools & Platforms:** Git, GitHub, VS Code, cPanel
- **Web Scraping:** BeautifulSoup, Requests, Pandas, Regex

Work Experience

Accession Business Solutions Pvt Ltd.

Software Engineer | Jun 2025 – Present

QR-Based UPI Payment Management System

- Developed a secure QR-based UPI payment platform using PHP, Laravel, MySQL, JavaScript, and Bootstrap.
- Implemented dynamic QR assignment, auto-expiring payment links, and UTR-based transaction verification.
- Built real-time transaction tracking and admin monitoring dashboards for payment transparency.

Mobile Recharge System

- Built a recharge management platform integrated with telecom and banking APIs.
- Developed operator, circle, and recharge plan fetching modules with dynamic plan rendering.

- Enabled secure payment workflows and instant recharge confirmations.

Admin Wallet Management System

- Created a hierarchical wallet and fund transfer system for admin and users.
- Automated wallet balance tracking, transaction summaries, and financial reporting modules.
- Optimized database operations for real-time balance updates and transaction consistency.

Financial Dashboard & Role-Based Reporting System

- Developed a role-based financial dashboard for real-time transaction and wallet monitoring.
- Implemented permission-based access control to display dashboard sections dynamically by user hierarchy.
- Designed hierarchical balance tracking for Admin, SD, MS, DS, and RT user levels with category-wise reporting.
- Built automated daily transaction summaries and real-time financial analytics dashboards.
- Improved operational visibility through centralized reporting and automated data refresh workflows.

Team Hierarchy & User Transaction Management System

- Developed an interactive team hierarchy module to visualize multi-level user structures and reporting chains.
- Implemented AJAX-based hierarchy navigation to dynamically load hierarchy data without page reloads.
- Built clickable user tree views to display individual user transactions, account details, and reporting chains.
- Designed hierarchy tracing features to identify parent-child user relationships and account ownership structures.
- Improved transaction monitoring and user management through centralized hierarchy-based analytics.

Rice Mill Management System

- Developed a mobile-responsive ERP-style management platform for rice mill operations.
- Designed and optimized responsive operational dashboards for desktop and mobile devices.
- Improved UI consistency and workflow navigation using Bootstrap and JavaScript.

Nutriwel Health India Pvt. Ltd.

Backend Developer Intern | Jul 2022 – Sep 2022

Nutrition & Client Management Automation

- Developed automation tools and dashboards using Python and Laravel to streamline nutrition and client management workflows.

- Built data migration utilities and automated client-diet mapping systems.
- Reduced manual operational workload through automated client record and weight update processes.

Review Scraper

- Built a Python-based web scraping system using BeautifulSoup and Requests.
- Automated extraction and cleaning of product review data from e-commerce platforms.
- Generated structured CSV datasets for customer sentiment and product analysis.

Projects

Fintech Wallet & Payment Management Platform

Tech: Laravel, PHP, MySQL, JavaScript

- Developed transaction workflows with wallet deduction and admin reconciliation.
- Integrated UPI/payment APIs and implemented transaction tracking modules.
- Built role-based access control and reporting dashboards.

Automated E-commerce Review Scraping Engine

Tech: Python, BeautifulSoup, Pandas

- Built scraping pipelines to collect and clean large-scale review datasets.
- Exported structured CSV reports for analytics and customer feedback analysis.

Education

MCA — DAV Institute of Engineering & Technology

Punjab Technical University | 2023 – 2025

B.A. Programme — Sri Aurobindo College

Delhi University | 2019 – 2022

Achievements & Activities

- NCC C Certificate Holder
- Regional-Level Cricket Player
- Regional-Level Chess Participant