

Sammed NJ

Calicut, Kerala, India | sammednj13@gmail.com | +91 8921077340 | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

Professional Summary

Backend Engineer with 3.5+ years of experience building API-driven business systems across ERP and LMS domains. Strong in PHP (Laravel), REST API design, and SQL databases (MySQL, PostgreSQL), with hands-on experience in modular backend architecture, authentication systems, and transactional data workflows.

Currently developing ERP accounting systems using Python and PostgreSQL, focusing on data consistency, performance optimization, and scalable backend design. Experienced in API integrations, database tuning, and production issue resolution. Expanding into Node.js and modern backend ecosystems.

Technical Skills

Languages: PHP, JavaScript (Node.js), Python

Backend: Laravel, Node.js (Express), REST APIs, MVC/Modular Architecture, Authentication & RBAC

Databases: MySQL, PostgreSQL (schema design, query optimization, indexing, functions, views, stored procedures)

Frontend: React (basic), HTML, Tailwind CSS, SCSS, jQuery

Tools: Git, Postman, Linux, Docker, AWS

Concepts: OOPS, Design Patterns, DB Optimization, Stateless/Stateful Systems

Professional Experience

Software Engineer

Ociuz Infotech Pvt Ltd | Jan 2026 – Present

- Designing and developing backend modules for ERP accounting systems using Python and PostgreSQL.
- Handling transactional workflows, account structures, and data consistency across financial systems.
- Modelling database schemas and optimizing queries for high-volume data.
- Defining API contracts and integrating with React-based frontend systems.
- Implementing modular backend logic aligned with scalable architecture.

Software Engineer

Alignminds Technologies Pvt Ltd | Nov 2022 – 2025

- Developed Laravel-based backend systems for LMS and enterprise applications.
 - Designed and maintained REST APIs for business workflows and frontend integration.
 - Built modular backend components using MVC architecture and OOPS principles.
 - Implemented authentication and role-based access control.
 - Optimized MySQL queries using indexing and query tuning techniques.
 - Integrated third-party APIs and resolved production issues to ensure system stability
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Projects

ERP Accounting System (Current Work)

- Contributing to backend development of a financial ERP system handling transactional workflows and account management.
- Designed database schemas and optimized queries to ensure data consistency and performance.
- Built modular backend components aligned with scalable ERP architecture.

Tech Stack: Python, PostgreSQL, React

Enterprise LMS Backend System

- Developed API-driven backend modules supporting LMS workflows and user management.
- Defined API request/response structures and integrated frontend systems.
- Implemented authentication and role-based access control.

Tech Stack: PHP, Laravel, MySQL, REST APIs, SSO

E-commerce Product Recommendation System

- Developed backend modules for an e-commerce platform with product suggestion features based on user interactions and purchase patterns.
- Implemented recommendation logic to improve product discovery and user engagement.
- Built and integrated REST APIs for product listing, filtering, and dynamic suggestions.
- Handled data processing, validation, and optimized query performance for product and user data.

Tech Stack: PHP, Laravel, MySQL

Education

B.E. Computer Science

Jain College of Engineering, Belgaum (VTU) - 2022