

MUHAMMAD SAMI

Senior Software Engineer

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Professional Summary

Software Engineer with 5 years of experience building CRM, ERP, and RESTful APIs using Laravel. Developed an API CRUD Generator, reducing development time by 50%, Skilled in integrating AI-powered workflows with OpenAI, Retell AI, and n8n to automate & optimize business processes.

Skills

Programming Languages: PHP, JavaScript (ES6), TypeScript, Deluge

Frameworks & Libraries: Laravel, CodeIgniter, Node.js, React.js, Next.js, Zoho Apps

Databases: MySQL, Redis, PostgreSQL, MongoDB, SQLite

Packages: Sanctum, Passport, Spatie, Telescope, Pint, PHPStan, Pest V4, Cashier, Laravel Debugbar, Socialite

Cloud & DevOps: Docker, Supabase, CI/CD Pipelines, Github Actions

API Integrations: Retell AI (Voice Agent), Cal.com, Stripe, PayPal, Authorize.net, Square, Twilio, Google Maps, Wazzup, Umnico(meta), USP Shipping API

Development Tools: Git, Postman, n8n, Claude Code, Zappier, Jira, Trello, Vs code

Development Best Practices: Agile, Scrum, Sprint Planning, Code Reviews/Optimizations

Experience

Dec 24 - Present

**Adalat Group
Pakistan
(Dentalzorg)**

Senior Software Engineer

- Developed a CRM module from scratch, including lead management, real-time client-agent communication, and integration with WhatsApp, Facebook (Meta) APIs, and Pusher for instant notifications.
- Built a Stock Management System from scratch, covering Normal & Lot-wise inventory, low stock and expiry alerts, plus stock movement operations (In, Out, Transfer).
- Collaborated in an Agile environment with Jira for sprint tracking and Git for version control, ensuring scalable and maintainable solutions.

Jan 24 - Nov 24

**Quantum
Computing Services**

Software Engineer

- Worked on an email marketing automation tool, contributing to both backend (Laravel) and frontend (Next.js) development in a collaborative team environment.
- Engineered a custom SQL query builder to execute core database queries without Eloquent, significantly improving performance and response times.
- Built and maintained RESTful APIs to ensure smooth data exchange between frontend and backend components.
- Integrated APIs on the frontend and used Git for version control to manage and track development tasks effectively.

Oct 21 - Dec 23
Salsoft Technologies

Mid-Level Software Engineer

- Developed and maintained backend systems using PHP (Laravel), including custom CMS solutions, e-commerce platforms, and admin panels from backend to deployment.
- Integrated third-party APIs and payment gateways, and used Blade templating to build responsive, dynamic interfaces with a focus on performance and usability.

Dec 20 - Sep 21
Mad Minds Creative

PHP Developer

- Collaborated with team members to complete assigned tasks and converted static HTML templates into responsive, cross-browser-compatible WordPress themes with clean code structure.

Education

2021 - Present
Virtual University

Bachelor of Science in Software Engineering (BSSE)

- Focus: Software Engineering
- Relevant Coursework: Artificial Intelligence, Data & Network Security

Certifications

Apr 2023
devTown

Node.js Backend Development

Projects

**Laravel API
CRUD
Generator**

Published a Composer package on Packagist to automate CRUD API generation using Artisan commands, streamlining route, controller, and model creation with validation. Reused across projects to reduce repetitive code and accelerate development.

Link : <https://packagist.org/packages/muhammadsami/laravel-crud-generator>

**Email
Marketing
System**

Developed an email marketing platform with multi-server support for improved deliverability and load distribution. Implemented smart scheduling, audience segmentation, bounce tracking, and real-time server monitoring for high-volume, efficient email delivery.

**Dentalzorg
ERP**

Independently built key ERP modules, including a complete Dental CRM and a full Stock Management System with lot-wise inventory, low-stock/expiry alerts, and stock movement operations fully integrated through clean, scalable APIs.

Link: <https://www.dentalzorg.nl>