RAMYA DHARMARAJ

PHP Full Stack Developer

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PROFESSIONAL SUMMARY

Experienced and result-driven Full Stack PHP Developer with 4+ years of hands-on experience in developing scalable web applications, RESTful APIs, and backend services using PHP 8.4, Laravel, MySQL, JavaScript, and Bootstrap. Adept in MVC , MVP, architecture, API integrations, and performance optimization. Seeking a challenging role as a Software Engineer / PHP Developer to contribute strong problem-solving, debugging, and system design skills in an Agile environment.

EXPERIENCE

Software Engineer / Full Stack Developer
App Innovation

06/2024 – 10/2025
Coimbatore, India

- Developed and deployed scalable web applications with responsive Uls, enhancing performance and UX.
- Integrated Pusher, Socket.IO, and Twilio SDK for real-time communication and notifications.
- Implemented secure JWT / OAuth2 authentication with robust API validation and token management.
- Built modular backend services using Laravel 11, PHP 8.2, and optimized MySQL queries.
- Collaborated in Agile sprints, utilized Git version control, and followed CI/CD deployment workflows.
- Maintained comprehensive API documentation using Swagger and Postman collections.

Software Engineer L1 (PHP Developer)
RND Softech Pvt Ltd

05/2022 – 05/2024
Coimbatore, India

- Engineered and maintained enterprise-grade applications with Laravel 8, MySQL, and REST APIs.
- Implemented RBAC, JWT authentication, and secure session management for data integrity.
- Modernized legacy systems by migrating from PHP 5 to PHP 8.2, improving scalability and performance.
- Integrated email automation via SendGrid, Mailgun, and CKEditor templating.
- Reduced deployment downtime by modularizing code and adopting service-oriented architecture (SOA).

Senior Process Associate
Apexon

04/2019 – 05/2022
Coimbatore, India

- Processed and labeled datasets for AI/ML projects ensuring 99% accuracy using automation tools.
- Collaborated with data scientists for dataset optimization and quality validation using Excel and internal tools.
- Supported backend teams in QA testing, performance validation, and data transformation workflows.

EDUCATION

Bachelor of Science (B.Sc) in Information Technology 73.33%
PSGR Krishnammal College for Women

2016 – 2019
Coimbatore, India

TECHNICAL SKILLS

Languages
PHP 8.4, C#, JavaScript, HTML5, CSS3, Bootstrap 5, JQuery, AJAX

Frameworks
Laravel 11, CodeIgniter, Core PHP

Databases
MySQL, SQL Server, Mango DB

Tools & DevOps
VS Code, PIIPStorm, GitLab, Postman, Composer, XAMPP, Swagger, cPanel Git, GitHub, Bitbucket, Docker (basic), Jenkins (basic)

Techical Concepts
MVC, RESTful APIs, ERP Systems, Twilio SDK, WebSockets, SDLC, Socket, Pusher.

Other Skills
Agile/Scrum, Unit Testing, CI/CD Pipelines

Authentication
JWT, OAuth2, Laravel Passport, Sanctum

Cloud & Deployment
AWS EC2, S3, RDS, Linux server Setup

KEY PROJECTS

Callproof Sales CRM API-Driven CRM System
(Laravel 11, PHP 8.4, REST APIs)
- Developed **250+ REST APIs** for CRM modules including lead tracking, reports, analytics, and user workflows.
- Implemented **JWT Authentication**, role-based access control, **Redis caching**, and **Swagger/OpenAPI** for clean API documentation.
- Improved API response time by **35%** through optimized queries, Eloquent relationship tuning, and database indexing.
- Integrated **Push Notifications** using Firebase Cloud Messaging (FCM) and Laravel Queues for real-time alerts and asynchronous delivery.
- Implemented **Live Call & Audio Stream Handling** using **Twilio Voice SDK**, enabling call routing, recording, IVR flows, and audio stream playback inside web/mobile applications.
- Built **WebSocket-based real-time dashboards** using Laravel Echo + Socket.IO 🔗 for live call status, agent activity, and message updates.
- Implemented **API Rate Limiting**, request throttling, and IP whitelisting for secure high-traffic handling.
- Integrated **3rd-party services** (Payment Gateway, SMS, Email, Twilio, CRM connectors) with seamless error-handling and retry logic.

CaterZen Order and Quote Management
(PHP 8.2, Core PHP, MySQL)
- Built dynamic modules for **order tracking, client quotes, menu management**, and automated approval workflows with secure role-based access.
- Integrated **Square Payments, Burq Delivery, Twilio CRM/Voice APIs**, and **EZCater** for seamless external order sync and real-time service communication.
- Implemented **push notifications (FCM)**, **email automation (SendGrid/SMTP)**, and real-time updates using **Socket.IO/Laravel** 🔗 **Echo**.
- Optimized backend performance with **Redis caching**, SQL query tuning, DB indexing, and secure **JWT authentication + API rate limiting**.
- Developed scalable REST APIs with background jobs, cron tasks, and clean architecture using **Service Layer + Repository Pattern**.

CMAS 360 Student Management Platform
(Laravel 10, Moodle LMS)
- Developed comprehensive **student registration and compliance modules** with seamless **Moodle LMS synchronization**.
- Enhanced **reporting accuracy** and data reliability aligned with **Australian academic compliance standards**.
- Improved cross-system communication by implementing **secure, scalable RESTful API endpoints**.

- Automated **attendance processing, compliance notifications, and scheduled Moodle syncs** using **Laravel Queues and Scheduler**.
- Implemented **role-based access control (RBAC)**, advanced **form validation**, and detailed **audit logging** to ensure secure and compliant management of student records.

AMS (Allocation Management System) Workforce Platform
(Laravel 5, .NET)
- Designed workforce allocation and scheduling modules with **real-time** dashboards.
- Applied role-based permissions, **automation scripts, and optimized** schema design.
- Integrated cron jobs and automated task reminders for better resource management.
- Enhanced database normalization to improve query **performance and reduce redundancy.**

Infranet IT Ticketing Solution
(Laravel 8, AWS S3)
- Automated ticket lifecycle with **SLA alerts**, escalation, and audit logs.
- Used **AWS S3** for file storage and implemented analytics dashboards.
- Developed a ticket **prioritization** engine improving response time by 25%.
- Integrated email and **SMS notifications via Twilio** for ticket updates and escalation.

HRMS Human Resource Management
(Laravel 5, AWS EC2)
- Developed **payroll, attendance, and leave management modules** using **ASP.NET ⊘ Core** with **Role-Based Access Control (RBAC)** and **OAuth2/JWT authentication** via **IdentityServer / .NET Authentication**.
- Deployed the application on **AWS EC2**, utilizing **Amazon S3** for secure document storage and file management.
- Implemented **real-time attendance tracking** by integrating **biometric device APIs** (fingerprint/RFID) with .NET background services for continuous data sync.
- Built **custom HR dashboards** using ASP.NET ⊘ Core MVC/Web API with dynamic charts for analytics, workforce insights, and employee performance reporting.

CORE STRENGTHS

Full Stack Development
PHP, Laravel, JavaScript and Bootstrap for scalable web solutions.

Software Engineering
Strong grasp of SDLC, Agile methodology, and CI/CD automation.

Development and integration of API Development Integration
Twilio, SendGrid, Mailgun, and custom RESTful endpoints.

Collaboration
Experienced in Git workflow, Jira and cross-functional communication.