

MADAVA RAJ K

PHP Developer

Bengaluru, Karnataka, India | Madavaraj66@gmail.com | linkedin.com/Madavaraj

SUMMARY

PHP Developer with hands-on, production experience building and maintaining full-stack web applications, e-commerce storefronts, and booking platforms on custom PHP frameworks. Skilled in MySQL/MariaDB schema design, complex SQL query optimization, and integrating payment gateways (CCAvenue, Razorpay) for secure online transactions. Comfortable owning a project end-to-end — backend logic, database design, frontend templating, and deployment on shared/cPanel hosting — across multiple concurrent client platforms. AWS Certified Cloud Practitioner with additional experience in Java, Python, and RESTful API development.

TECHNICAL SKILLS

Languages & Web: PHP, JavaScript, HTML5, CSS3, SQL, Java, Python, C++, C

PHP Development: Custom MVC-style frameworks (routing, DB abstraction layers, template/controller patterns), PDO, session & auth handling, AJAX/OTP workflows

E-Commerce: CCAvenue & Razorpay payment gateway integration, cart & checkout systems, order management, product CRUD, TinyMCE 5 rich text/image upload, admin dashboards

Databases: MySQL, MariaDB, SQL query optimization, schema design, phpMyAdmin

Frameworks & Libraries: Spring Boot, RESTful APIs, Bootstrap 4

Cloud & Tools: AWS (EC2, S3, Lambda, RDS, IAM), Git, cPanel, Eclipse, VS Code

Core Competencies: Full-Stack Development, Data Structures & Algorithms, System Design, API Development

PROFESSIONAL EXPERIENCE

Web Developer

August 2024 – Present

xklsv internet media pvt. Ltd., Bengaluru, India

- Developed and maintain multiple production PHP web platforms in parallel, including an e-commerce/booking system, an exam-coaching platform with an integrated online store, and a WordPress-to-PHP conversion — covering backend logic, database design, and frontend templating.
- Integrated CCAvenue and Razorpay payment gateways for secure checkout and order processing, and built out order management admin panels with Bootstrap modals and SMTP-based notification emails.
- Diagnosed and fixed critical booking-engine bugs, including a double-booking date-overlap defect and a room-availability cache drift issue, by rewriting SQL overlap logic and replacing stale cache lookups with direct COUNT queries.
- Designed and optimized MySQL/MariaDB schemas and queries; reconciled a system-wide occupancy tracking table via targeted batch UPDATE queries and resolved a race condition with a UNIQUE KEY + INSERT IGNORE fix.
- Built e-commerce product management features including TinyMCE 5 image upload, live preview modals, and category mapping, and implemented cart/shipping calculation and order-confirmation email logic.
- Maintained and extended custom PHP frameworks (non-standard routing, DB abstraction layers, template/controller patterns) rather than relying on off-the-shelf CMS platforms.
- Collaborated with stakeholders to gather requirements, restructure site navigation and UI (Bootstrap 4), and ship responsive, mobile-friendly features on schedule.

Software Development Intern

August 2023 – January 2024

KodNest, Bengaluru, India

- Built end-to-end applications using Java and SQL, applying OOP principles and design patterns.
- Designed database schemas and wrote optimized SQL queries for efficient data retrieval and storage.
- Participated in agile development cycles, including sprint planning, daily standups, and retrospectives.

Data Science Intern

April 2023 – August 2023

Prwatech, Bengaluru, India

- Designed a Student Dashboard in Microsoft Power BI, processing and visualizing data for analytical insights.
- Built ETL data pipelines and SQL aggregation queries to automate report generation workflows.

EDUCATION

Master of Computer Applications (MCA)

February 2022 – December 2023

New Horizon College of Engineering, Bengaluru, India

Bachelor of Computer Applications (BCA)

June 2017 – December 2021

Vijaya College, Bengaluru, India

CERTIFICATIONS

- AWS Certified Cloud Practitioner – Amazon Web Services
- AWS re/Start Graduate – Amazon Web Services