

# ANUJA S NAIR

Senior Software Engineer

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## PROFESSIONAL SUMMARY

Experienced PHP-Laravel Developer with 9+ years of expertise in web application development and database management. Skilled in building secure, scalable applications and integrating server-side logic with user interfaces. Strong background in MySQL database design, optimization, and performance tuning. Proficient in front-end technologies including JavaScript, HTML, and CSS. Familiar with Python for scripting, automation, and backend support. Proficient in Linux/BSD operating systems and cloud services (AWS) with server management capabilities. Collaborative team player with a track record of delivering projects on time and within budget. Dedicated to continuous learning and staying current with industry trends.

## TECHNICAL SKILLS

### Programming Languages

PHP, Python, JavaScript

### Web Frameworks & Libraries

Laravel, Bootstrap, jQuery, React.js, React Native, Angular, Vue.js

### Database Technologies

MySQL

### Data Analytics & Processing

Jupyter Notebook, Pandas, NumPy, Tesseract OCR

### Development Tools

Git, GitHub, Composer, Postman, VS Code

### API & Authentication

RESTful APIs (Creation and Consumption), JWT Authentication, TDD

### Operating Systems

Linux/BSD Operating Systems

### Cloud & DevOps

AWS, Azure, Server Management, CI/CD Pipelines, Jenkins, SonarQube

## Core Competencies

Complex Issue Resolution, Performance Optimization, Production Support

## PROFESSIONAL EXPERIENCE

### Senior Software Engineer | January 2020 - August 2025

*Impelsys India Private Limited - Bangalore Urban, Karnataka (Remote)*

Built and maintained dynamic, database-driven web applications using Laravel, supporting thousands of daily active users.

Designed and optimized database schemas and queries in MySQL, improving query response times from seconds to milliseconds.

Implemented Redis caching for frequently accessed data, cutting server load and improving response times for high-traffic endpoints.

Set up CI/CD pipelines with Jenkins and SonarQube, automating deployments and enforcing code quality standards across the team.

Troubleshooted and resolved complex production issues under tight deadlines, maintaining 99.9% system uptime.

Actively participated in daily stand-ups and sprint retrospectives, contributing suggestions that improved sprint velocity by 15%.

Managed Linux/BSD servers and deployed applications on AWS and Azure cloud platforms.

Created and consumed RESTful APIs for various integrations and third-party services.

### Software Engineer | September 2018 - July 2019

*Smart Management IT Solutions - Bangalore Urban, Karnataka*

Collaborated with designers and product owners to translate business requirements into Laravel-based solutions, consistently delivering features on time within Agile sprints.

Applied test-driven development (TDD) and automated testing, reducing post-release bugs by 30%.

Customized Laravel modules and themes to match unique client requirements, enabling faster turnaround on bespoke projects.

Used GitHub and JIRA for version control and project tracking, ensuring visibility across development and QA teams.

## **Software Engineer | July 2016 - August 2018**

*Diya Systems - Mangaluru, Karnataka*

Developed and maintained enterprise-level PHP Laravel applications, reducing production downtime by 20% through cleaner, reusable code structures.

Designed and rolled out new business features, such as advanced reporting dashboards and automated workflows, boosting platform scalability and performance.

Optimized MySQL queries and indexing, which improved page load times by 40% and supported higher concurrent user traffic.

Integrated multiple RESTful APIs (payment gateways, and analytics tools), enhancing overall functionality and customer experience.

Documented system architecture, workflows, and feature specifications to ensure long-term maintainability for future developers.

## **Program Development Manager (Freelancer) | February 2015 - June 2015**

*Mansion Select - Mangaluru, Karnataka*

Designed, coded, developed, debugged, and tested system specifications for conversion and development projects.

Managed updating of content on websites.

## **Junior Software Developer | January 2014 - September 2014**

*Muble Solutions - Cochin, Kerala*

Designed and implemented web development and Javascript MySQL solutions as per project specifications.

Reviewed programming projects and reported statuses to programming managers.

Collaborated with cross-functional teams to troubleshoot and resolve complex technical issues, ensuring high-quality and flawless execution of project deliverables.

Implemented efficient coding practices and optimized performance, resulting in a 30% reduction in website loading time and improved user experience.

## **KEY PROJECTS**

### **American Heart Association eLearning Platform**

Designed and developed a Laravel-based eLearning system that supported large-scale user enrollment (10,000+ active learners), optimized for accessibility and security compliance.

Implemented database performance improvements and caching mechanisms, enabling seamless learning experiences even during peak usage.

Directly interacted with US-based stakeholders, presenting production issues and delivering fixes within SLA timelines.

Provided 24/7 production support in rotation, ensuring platform stability while simultaneously developing new features.

### **Expense Tracker with OCR Receipt Scanner (Personal Project)**

Developed a full-stack expense tracker using Laravel, Python (Tesseract OCR), and React.js to scan and log expenses from uploaded receipts.

Implemented secure authentication, API, and file handling in Laravel with a responsive React.js + Bootstrap frontend.

## **EDUCATION**

### **Master of Computer Applications | November 2013**

Mount Zion College of Engineering - Pathanamthitta, Kerala, M G University | GPA: 72%

### **Bachelor of Computer Applications | July 2010**

STAS - Pathanamthitta, Kerala, M G University | GPA: 68%

## **LANGUAGES**

English (DET Score 125), Malayalam, Hindi