

# ALAGUTHIRAVIYAM M

Senior Software Engineer

Software engineer with 5 years of experience in developing user interfaces, testing & debugging. Proven ability's in optimizing web functionalities that improve data retrieval and workflow efficiencies.

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Virattipathu, Madurai - 625016



## SKILLS

HTML

CSS

Core PHP

Laravel Framework

JavaScript

J Query

Ajax

Next.JS

MSSQL

MYSQL

MongoDB

PostgreSQL

Node JS

Express

Yii2 Framework

Postman

ReactJS

GIT

Docker

Jenkins

SonarQube

Jira



## WORK EXPERIENCE

### Backend Developer

Nexevo Technologies

01/2025 - 02/26

Bangalore

Software Development Company - ERP Software & LMS Projects

Achievements/Tasks

- Developed and maintained scalable backend applications using **PHP and Laravel framework**.
- Planned and executed **RESTful APIs** for web and mobile applications.
- Built server-side logic using **Node.js (Express.js)** for high-performance applications.
- Integrated frontend applications using **Next.js** with backend services.
- Planned and optimized **MySQL databases**, improving query performance and reducing response time.
- Enforced **authentication & authorization systems** (JWT / OAuth).
- Performed API testing using **Postman** and ensured secure data transactions.
- Collaborated with frontend developers and UI/UX teams to deliver full-stack solutions.
- Deployed applications on Linux-based servers/cloud environments
- Followed **MVC architecture, clean code principles, and Agile methodology**.

### Software Engineer

Bixware Technologies

01/2024 - 10/2024

Coimbatore

Software Development Company - CRM & ERP Softwares

Achievements/Tasks

- Expanded and maintained backend applications using **PHP (Laravel)** with **Microsoft SQL Server (MSSQL)**.
- Improved, optimized, and directed complex **SQL queries and Stored Procedures** for data processing and reporting.
- Improved database performance through **query tuning, indexing, and execution plan analysis** in MSSQL.

- Built and integrated **RESTful APIs** to connect backend services with frontend applications.
- Collaborated with frontend teams to ensure seamless **API integration and data flow**.

## Software Developer

### Shlok Information Systems India Pvt Ltd

05/2022 - 11/2023

Software Development Company - E-Commerce Projects & Blockchain Management

Coimbatore

#### Achievements/Tasks

- Developed scalable backend applications using **Node.js and Express.js**, building secure and high-performance RESTful APIs.
- Worked with **Medusa.js** for headless e Commerce solutions and integrated services with frontend applications.
- Designed and oversaw databases using **MongoDB and PostgreSQL**, including schema design and query optimization.
- Executed CI/CD pipelines using **Jenkins**, containerized applications with **Docker**, and upheld code quality using **SonarQube**.
- Managed tasks and sprint workflows using **Jira**, following Agile development methodology.

## Junior Full stack Developer

### Mexerv Engineering

04/2021 - 04/2022

Research based IT Firm - CRM&ERP Softwares

Coimbatore

#### Achievements/Tasks

- Developed and sustained web applications using **PHP (Yii2 Framework)** following MVC architecture.
- Designed and supervised relational databases using **MySQL and PostgreSQL**, including schema design and query optimization.
- Build and Integrated backend functionalities with frontend components for full-stack developments
- Enhanced and consumed RESTful APIs for internal and third-party integrations
- Performed debugging, testing, and performance optimization to improve application stability.



## PROJECTS

IJSREM ([ijsrem-dev.vercel.app](https://ijsrem-dev.vercel.app))

MPS (<https://www.manjushreeindia.com>)

ProInspector(<https://pro-inspector.net>)

Sapphirefoods (<https://portals1.sapphirefoods.in/login.aspx>)

ABFRL (<https://abfrl.com>)

FutureEx, B4U, Sura ICO

[my.mexerv.com](https://my.mexerv.com), [admin.mexerv.com](https://admin.mexerv.com), [task.mexerv.com](https://task.mexerv.com)



## EDUCATION

### BE (Mechanical)

SBM COLLEGE OF ENGINEERING AND TECHNOLOGY

GGPA 6.74

06/2014 - 04/2018 Dindigul