

Sathish Rajendiran

Lead Developer

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Professional Summary

Experienced Lead Developer with over 9 years of web application development expertise. Skilled at writing clear, concise, secure, and efficient code that's easy to maintain and troubleshoot. Proficient in leading teams to deliver high-quality solutions.

Skills

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- | | | | | |
|-----------|--------------|------------|----------|----------------------|
| • React | • Typescript | • Tailwind | • NextJS | • Laravel |
| • FastAPI | • MySQL | • AWS | • Docker | • Project Management |
| • Jest | • PyTest | • Gherkin | | |

Experience

Synergent Tech Solutions - Chennai

Feb 17 2021 - Present

Lead Developer

- Led a team of four to develop web applications while employing Domain-Driven Design (DDD) principles to develop modular features with minimal interdependencies.
- Used Test-Driven Development (TDD) techniques for both frontend and backend core features, ensuring they are reliable and function as intended.
- Integrated several third-party APIs, including Quickbooks API, Stripe, and AWS Textract.
- Utilized AWS Textract with a machine learning algorithm to process existing timesheet and expense entries in PDF format, achieving faster saving with 90% higher accuracy compared to manual entry.
- Implemented Dynamic Reports and Charts through a simple UI with a no-code flow, reducing dependency on developers for custom reports and charts for clients.
- Collaborated with stakeholders to collect requirements, craft user stories, and translate them into JIRA tasks.
- Collaborated closely with stakeholders, developers, and testers to ensure the accurate development of Behavior-Driven Development (BDD) specifications, aligning them with core features and client requirements.

Chennovate Solutions - Chennai

Jan 3 2017 - Feb 15 2021

Lead Developer

- Led a team of over fifteen members to create web applications, emphasizing the development of modular features with minimal coupling using SOLID principles.
- Mentored team members to implement Test-Driven Development (TDD) for core features, leading to a 70% reduction in post-release bug reports
- Utilized Python to implement various statistical formulas and calculations for administrative analytics
- Enhanced the web application's **scalability from 10,000 to 100,000** users by optimizing REST API performance through Redis and various methods such as minimizing unnecessary fields in API responses and implementing query optimizations.
- Developed REST APIs based on OpenAPI specifications.

Lapiz Digital Services - Vellore

Jan 2 2015 - Dec 31 2016

Junior Developer

- Created web and desktop applications with .NET Framework 4, working closely with stakeholders to turn their concepts into tangible outcomes.
- Improved report efficiency by 50% through query and stored procedure optimizations.
- Developed workflow processing applications that enhanced employee productivity by 200% and output quality by 120%.
- Received the "**Best Employee of the Year**" award for outstanding performance.

Projects

Reltiva (Jupiter) - Order to Cash flow Application

<https://reltiva.com>

The application includes features such as Timesheet, Expense, Invoice, and Credit Note etc., enabling organizations to efficiently manage their Order to Cash flow.

Technologies: Laravel, FastAPI, NextJS, Tailwind, MySQL, AWS, Docker

Reltiva (TCM) - Tenant Configuration Management Application

<https://reltiva.com>

The application handles tenant configuration, onboarding, subscriptions, and super admin roles for each client, while also offering analytics features.

Technologies: FastAPI, NextJS, Tailwind, MySQL, AWS, Docker

Innowork (PMS) - Performance Management System

<https://www.innowork.com>

The application helps organizations assess both organization and employee performance to meet OKRs through task assignments and performance evaluations.

Technologies: Laravel, Angular, Flask, Bootstrap, MySQL, AWS

Innowork (LXP) - Learning Experience Platform

<https://www.innowork.com>

The application identifies role competencies, assesses employee skills, recommends courses, and tracks skill development

Technologies: Codeigniter, AngularJS, Flask, Bootstrap, MySQL, AWS

Journal Workflow Management System

Desktop application to streamline 12 different workflows for E-publishing clients, ensuring process adherence while enhancing productivity and quality.

Technologies: C#, WPF, .NET 4, SQL Server

Human Resource Management System

A web application with payroll, attendance and shift management, utilizes desktop application data for productivity tracking and reporting.

Technologies: C#, Bootstrap, ASP.NET, SQL Server

Education

Master of Computer Science from VIT University, Vellore with a **CGPA** of **8.53**, completed in 2013.

Other Projects

Proton Education Management System

<https://proton.education>

LMS portal where the institutions can schedule or manage class sessions (on-line video classes), on-line exam, assignment management. Developed during COVID time to conduct online sessions for schools and institutions.

Technologies: Laravel, React JS, MySQL, AWS

SMART Life Application

In Progress (Planned to release within December 2024)

Crafting a personal productivity and life management application focused on leveraging SMART goals to enrich life and relationships, with a special emphasis on parenting.

Technologies: FastAPI, NextJS, MySQL

ShiftSense Application

In Progress (Planned to release within December 2025)

Developing an AI-powered organization and employee management application to optimize productivity, particularly tailored for shift-based workforce management alongside traditional HRMS solutions.

Technologies: FastAPI, NextJS, MySQL

Yours sincerely,
Sathish Rajendiran