

# Silambarasan R

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Full-stack Software Engineer with 8+ years of experience in designing and developing scalable web and mobile applications. Adept at leading cross-functional teams, optimizing system performance, and delivering end-to-end solutions in Agile environments. Strong expertise in modern JavaScript frameworks, server-side development, DevOps automation, and cloud computing.

## Skills

- **Languages & Frameworks:** JavaScript, TypeScript, PHP, Node.js, Symfony, Modern C++, Python, jQuery, SASS
- **Frontend:** React.js, Redux, Angular, Ionic, React Native
- **Backend & DB:** MySQL, MongoDB, DynamoDB
- **Tools & Platforms:** AWS, Docker, Git, Linux, XCode, Android Studio, SEO, Jest, Karma, CI/CD pipelines
- **Concepts:** OOP, REST APIs, Microservices, Serverless, Data Structures, Algorithms, Agile (Scrum)
- **Languages:** Tamil – Native proficiency, English – Professional working proficiency
- **Soft Skills:** Creative • Rational • Pragmatic • Honest • Analytical • Innovative • Solution-Oriented • Adaptable • Team Player • Self-Motivated

## Experience

### Software Engineering Specialist

LTIMindtree - Bangalore, Karnataka, India

Jul 2023 – Present

- Developed internal DevOps tooling to streamline releases and deployments, enhancing CI/CD efficiency and developer experience.
- Refined business logic and frontend workflows with >96% unit test coverage using Jest and Cypress.
- Migrated Angular from v7.3 to v16, improving app performance and modern standards compliance.
- Built scalable REST APIs in Symfony (PHP), ensuring testability via PHPUnit and Xdebug.
- Ensured high-quality deliverables with 100% automated test coverage and CI integration.

### Technical Lead

Manureva Digital Solutions Pvt. Ltd., - Pondicherry, India

Apr 2020 – Jul 2023

- Delivered a full-scale **Customer Order Management System** for a leading retail software partner, significantly boosting client revenue.
- Led architecture and development of a large-scale web application using **Angular, PHP, Symfony**, and **MySQL** for a France-based client.
- Managed a team of 4 developers, mentored juniors, enforced clean code practices, and ensured timely delivery through active **code reviews** and quality checks.

### Software Developer

Binary Tech Resonance Pvt. Ltd., - Chennai, Tamil nadu, India

Jun 2017 – Apr 2020

- Developed landing pages, CMS-based websites, e-commerce platforms, and web apps using **Core PHP, CodeIgniter, WordPress**, and **Laravel**.
- Built custom **GST billing and ERP/CRM solutions** for clients across retail, manufacturing, and agro sectors.
- Delivered a **Farm Management System** for a Malaysian client and multiple **hybrid mobile apps** using **Angular + Ionic**, including a location-tracking field marketing tool.
- Integrated payment gateways (**PayPal, Razorpay, CCAvenue**) and maintained a **Laravel-based Online Exam Portal** with multi-role support.

## Education

- **M.Sc - Master of Computer Science**  
Annamalai University – Chidambaram, Tamil nadu, India.  
Sept 2023 – May 2025
- **BCA – Bachelor of Computer Applications**  
St. Joseph's arts & science college – Cuddalore, Tamil nadu, India.  
June 2014 – Apr 2017

## Certifications

- **JavaScript 100 Certification**  
Codingame – Dec 2021  
[https://www.codingame.com/certification/t2QsCHuypjdDnBaksg\\_lMw](https://www.codingame.com/certification/t2QsCHuypjdDnBaksg_lMw)
- **JavaScript Algorithms and Data Structures**  
FreeCodeCamp – Oct 2021  
<https://freecodecamp.org/certification/silambarasan-rd/javascript-algorithms-and-data-structures>
- **APIs and Microservices (Node, Express & Mongo DB)**  
FreeCodeCamp – May 2021  
<https://freecodecamp.org/certification/silambarasan-rd/apis-and-microservices>