

# Sathish Krishnan

MERN Stack Developer



888 333 4889



sathishkrish20@gmail.com



Bangalore



[linkedin.com/in/sathishkrishnan20](https://www.linkedin.com/in/sathishkrishnan20)



<https://github.com/sathishkrishnan20>

## KEY SKILLS

- ★ Javascript, Node.JS, Typescript
- ★ Express.js, Nest.JS, GraphQL
- ★ PostgreSQL, MySQL, MongoDB
- ★ React.JS, React Native, Next JS
- ★ Microservices, Kafka
- ★ AWS, GIT, Docker
- ★ Jenkins, CircleCI, GitHub Actions
- ★ Kibana, Instana, Splunk

## AWARDS

- ❖ Core value champion – Focus on Talent - Q2-2017
- ❖ Unsung Hero award - Q4-2019
- ❖ Toughest Cookie - 2021
- ❖ Most Valuable Player - 2022

## Education

B.E. - Computer Science

**Roever Engineering College,**  
Perambalur, Tamilnadu

## SUMMARY

*Experienced Senior Software Engineer with a proven track record in designing and implementing scalable, high-performance backend systems. My expertise spans full-stack development, focusing on backend systems, database management, and API development.*

## KEY STRENGTHS

1. Experienced in designing and developing web applications using MER(A)N stack technologies, including Node.js, MongoDB, Express.js, Nest.Js React.js.
2. Extensive experience in designing and implementing scalable backend APIs and integrating third-party services.
3. Proven success in optimizing database performance and designing efficient database schemas.
4. Experience in deploying applications on Cloud platforms like AWS and VPS/VM
5. Experience with Continuous Integration and deployment tools Like Jenkins, CircleCI, and GitHub actions

## PROFESSIONAL EXPERIENCE

**Senior Software Developer** at **Yara International**, Bangalore - Jan 2021 - Present

*Technologies Used: Node.Js, Nest.JS, JavaScript, Typescript, PostgreSQL, React.JS, CircleCI, GitHub Actions, Docker*

**Yara Loyalty Program** - Designed and implemented a scalable Loyalty Program system to manage customer engagement campaigns, including rule-based points allocation, milestones, and rewards. The system supports complex rule evaluations, automated points expiry, and detailed audit logging.

### Roles and Responsibilities

- ❖ **Designed the architecture and database for campaign creation, rule engine evaluation, and points management.**
- ❖ **Created LLDs for points and expiry strategies, Campaign and Rule Creation, Rule execution APIs, Points Redemption, and Reversal APIs**
- ❖ **Developed APIs for end-to-end campaign creation.**
- ❖ **Conduct code reviews to ensure code quality and adherence to coding standards.**

**Yara Connect** - The Mobile app is a retailer-focused project that offers a loyalty program for retailers selling Yara products. The program provides exclusive rewards and benefits to retailers, fostering increased sales and building stronger partnerships.

**Yara Connect Admin Panel** - The web platform empowers the admin to efficiently manage reward points, product offerings, and retailer engagement.

### Roles and Responsibilities

- ❖ **Implement scalable and high-performance backend systems.**
- ❖ **Design and implement RESTful APIs**
- ❖ **Conduct code reviews to ensure code quality and adherence to coding standards.**
- ❖ **Mentor junior developers and provide constructive feedback.**
- ❖ **Stay updated on industry trends, emerging technologies, and best practices**

**Software Developer** at **Quantiphi Analytics**, Bangalore - May 2019 to Jan 2021  
*Technologies Used: Node.js, JavaScript, Typescript, DynamoDB*

**RTCC** - Real-time Cart Conversion is a Real-time cart analysis for e-commerce, boosting sales and reducing cart abandonment by predicting the cart abandoners and providing personalized offers to users.

**VI BOT** - An innovative conversational BOT enabling users to recharge their accounts through conversational calls. Additionally, the bot shares personalized offers and incentives to enhance user engagement and satisfaction

#### **Roles and Responsibilities**

- ❖ *Design, develop, and maintain server-side logic using Node.JS*
- ❖ *Implement database solutions that are secure and scalable*
- ❖ *Integrate backend services with external third-party APIs*
- ❖ *Develop and execute unit tests and integration tests*

**Associate** at **Symphony Talent & Harman Connected Services**, Bangalore - Nov 2016 – May 2019

*Technologies Used: Node.js, JavaScript, MySQL, Serverless, Lambda*

**M-Cloud** - an advanced project designed to streamline the process of creating and managing job ad campaigns on multiple job boards. it optimizes media budgets automatically based on campaign performance, saving valuable time for recruiters while maximizing the effectiveness of job postings.

#### **Roles and Responsibilities**

- ❖ *Develop the backend Lambda functions*
- ❖ *Integration with external third-party APIs*
- ❖ *Write unit tests and integration tests*

## **PERSONAL PROJECTS**

**Expense Manager** - is a user-friendly application accessible on the web designed for Small Screen or Mobile screens. It helps individuals or businesses track, categorize, and manage their financial expenditures. It typically allows users to input and organize expenses and income.

**Technologies Used:** Node.js, React.js, Google sheet

**Duration:** Jan 2024

**Web:** <https://expensmanager.sathishkrishnan.tech>

**GitHub:** <https://github.com/sathishkrishnan20/csk-expense-manager>

**Vzykart** - is a user-friendly e-commerce application accessible on Android, IOS, and the web, it is tailored for village users with regional language support. it offers a simple and convenient shopping experience, bringing a wide range of products right to their fingertips

**Technologies Used:** Node.js, MongoDB, React, React Native Web, S3

**Duration:** Feb 2023 to Jul 2023

**Web:** <https://vzykart.shop>

**AVS – Ayya Vaikunda Swamy App** - The AVS app promotes the Ayya Vaikundaswamy religion, spreading its teachings and values. It allows users to discover and add nearby temples, fostering a sense of community among followers.

**Technologies Used:** PHP, MySql, JAVA, Android

**Duration:** Jun 2016 to Feb 2017

**GitHub:** <https://github.com/sathishkrishnan20/Meyyunarvom>