

# Sarath S Pillai

Backend Engineer,  
Aspiring Architect

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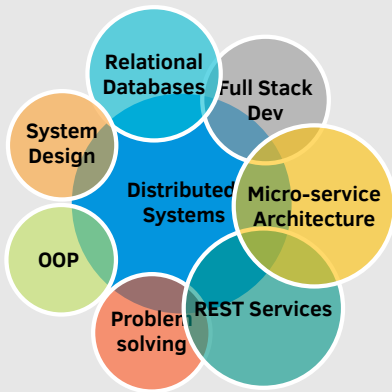


<https://me.sarathsp.com/>



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## Skills



## Interests

Machine Learning

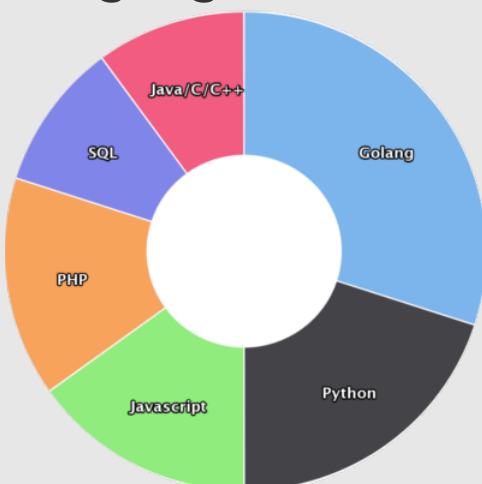
Ad-Hoc Systems

Software Design & Architecture

Software Development

Distributed Systems

## Languages



## Experience

May 2018 –  
Present

**SDE 3**  
Tech Lead

Exotel Techcom Private Limited

- Responsible for design, development and maintenance of all the REST services.
- Researched and compiled coding standards and code-review checklists for the company

Sept 2016 –  
May 2018

**SDE 2**  
Enterprise Technology

Exotel Techcom Private Limited

- Developed and Supported services for enterprise customers
- Developed a framework and tool to create REST services in Go given service contracts
- Developed multiple internal libraries including a **mysql** go library using **database/sql**

May 2014 –  
Sept 2016

**SDE**  
Full-Stack Engineer

Exotel Techcom Private Limited

- Worked on Core product adding features, debugging and fixing bugs
- Worked on redesigning the system in view of scale in favor of distributed, Highly Available system
- Developed python/go libraries for Exotel
- Contributed to open-source libraries including **aerospike-client-go**, **sachet** etc

Sept 2013–  
May 2014

**Assistant System Engineer**

TCS

- Worked on business rules extraction from a legacy application
- Written REX script to automate my tasks to parse and extract rules from COBOL files reducing expected project duration by 70%

## Publications

May 2015

Image Assisted Data Security Using Key Encrypted File

In this paper a new technique for image-based data hiding with a binary file is proposed. In traditional methods the image based data hiding referred to as steganography. The basic idea of Steganography is that it distributes the message uniformly throughout the image. But it will cause degradation to the image. Here concept of steganography is used to make text encryption

## Education

2009 - 2013 **B.Tech., Computer Science**

TKMCE

Kollam, Kerala, India

First Class with Distinction, CGPA: 8.14/10

2007 - 2009 **12th**

JNV

Chennithala, Kerala, India

First Class with Distinction, 92%

2007

**10th**

JNV

Chennithala, Kerala, India

First Class with Distinction, 91.4%