

Sarath S Pillai

Backend Engineer,
Aspiring Architect

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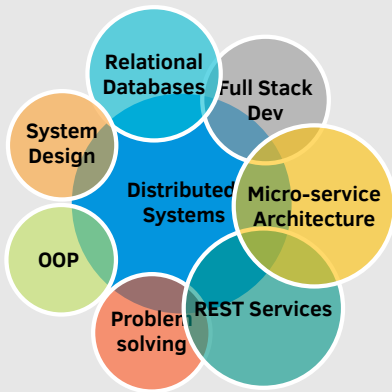


<https://me.sarathsp.com/>



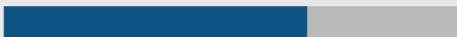
sarathsp06@gmail.com

Skills



Interests

Machine Learning



Ad-Hoc Systems



Software Design & Architecture



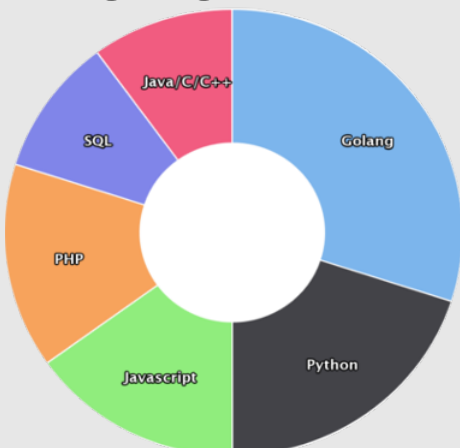
Software Development



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 core system in view of scale in favor of distributed, Highly Available systems
- 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%

Opensource

Projects

- **sublime-php-selective-format**: Sublime Text 3 plugin to format PHP selectively
- **py2factor**: Python two factor authenticator application using **Time based One time passwords** for Linux, experimental
- **exotel-py**: Python library for Exotel APIs
- **gologger**: Logger package for Golang with echo middle ware support

Code Contributions

- **messagebird/sachet**: SMS alerts for Prometheus' Alert-manager
- **aerospike-client-go**: Aerospike Client Go

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. Here concept of steganography is used to make text encryption