

# Sarath S Pillai

## Curriculum vitae

### WORK EXPERIENCE

MAY 2014 – PRESENT

Exotel, Bangalore

#### *SDE Enterprise Tech*

Responsible for Development and Maintenance of Enterprise products. Contributed in redesigning the entire stack for HA and Scale.

Written libraries for the Exotel API. Contributed to some open source libraries during this period ,including aerospike-client-go.

SEPT 2013 – MAY 2014

TCS , Chennai

#### *ASE Trainee*

Business rule extraction on a legacy mainframe project. Written a COBOL parsing tool in REXX, automating manual tasks, which helped reduce expected project duration by 70%. Written VBScript code for automating MSExcel works

### OPENSOURCE CONTRIBUTIONS

DEC 2016

#### *Aerospike Go Client*

An Aerospike library for Go This library is compatible with Go 1.5+ and supports the following operating systems: Linux, Mac OS X (Windows builds are possible, but untested)

JAN 2017

#### *Sachet - SMS alerting tool*

In Hindi, sachet means conscious. Sachet is an SMS alerting tool for the Prometheus Alertmanager. An HTTP API that accepts Alertmanager web-hook calls and allows an end-user to configure it for the SMS provider of their dreams.

### PUBLICATIONS

MAY 2015

#### *Image Assisted Data Security*

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

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### EDUCATION

2009 – 2013 **B.Tech - 8.14 cgpa**  
COMPUTER SCIENCE  
TKMCE, Kollam

2007 – 2009 **12th - 92%**  
JNV Chennithala

2007 **10th - 91.4%**  
JNV Chennithala

### PUBLIC PROJECTS

SEPTEMBER 2016 **gologger**  
*Opinionated minimal go logger library*

JANUARY 2016 **Exotel Py**  
*Python library for exotel apis (6k+ downloads)*

JANUARY 2015 **Slacker**  
*Slack message backup service*

### COMMUNICATION SKILLS

MALAYALAM Native speaker  
ENGLISH Oral: good – Written: good  
HINDI Oral: fair – Written: good  
TAMIL Oral: fair

### SOFTWARE SKILLS

GOOD LEVEL Go, PHP, Javascript, Python, MySQL, Linux  
INTERMEDIATE Ruby, Java, Aerospike, Google Appscript  
BASIC LEVEL Redis, Lua, Rust, Haskell