Sarath S Pillai

Work experience

MAY 2014 – PRESENT

Exotel, Bangalore
Tech Lead - API

Responsible for Design, Development and Mainte-
nance of APIs and Enterprise products. Actively
participated in hiring, code reviews, API standard-
isation etc 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 ,in-
cluding 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, au-
tomating manual tasks, which helped reduce ex-
pected 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 compat-
ible with Go 1.5+ and supports the following oper-
ating 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 Alertman-
ager. 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 tra-
ditional methods the image based data hiding re-
ferred to as steganography. The basic idea of Steganog-
raphy is that it distributes the message uniformly
throughout the image. But it will cause degrada-
tion 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

FEBRUARY 2018	**py2factor**
	Experimental two factor authenticator app for Linux
JANUARY 2018	**sublime-php-selective-format**
	Sublime plugin for formatting partial PHP code
SEPTEMBER 2016	**gologger**
	Opinionated minimal go logger library
JANUARY 2016	**exotel py**
	Python library for exotel apis (6k+ downloads)

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