

# Sarath Sadasivan Pillai

senior software engineer

An engineer driven by passion , curiosity and urge to see things moving forward

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## WORK EXPERIENCE

### Senior Software Engineer Shell

11/2020 - Present

Rotterdam, Netherlands

Achievements/Tasks

- Developing sustainable solutions and systems to reduce the environmental impact of Shell.
- Working with lot of data to make sense out of it.
- Leading discussions with business owners and help shape the product.

### Senior Software Engineer Messagebird

06/2019 - 11/2020

Amsterdam, Netherlands

Messagebird enables businesses to set up reliable multi-channel communication systems Ranging from PSTN to live video calls

Achievements/Tasks

- Helped real-time-communication team building and maintaining services responsible for call execution logic and helped improve the code quality and test coverage significantly
- Defined coding/code review standards for the team and ensure it is followed
- Helped measure and improve the api availability

### Technical Lead Exotel

05/2014 - 12/2018

Bangalore, India

Exotel is Asia's largest cloud telephony platform. We solve communication problems for business with easy to use reliable APIs and solutions

Achievements/Tasks

- Contributed significantly in shaping the tech culture as an early employee
- As a lead engineer helped the team define its goals and mentored team mates and interns
- As full-stack developer released our first mobile app within 3 months of me joining
- Contributed to refactoring code and systems for scale
- Helped team define API standardisations
- Built public sdks for the apis

## ACHIEVEMENTS

### Grand Award Winner Odessey Hackathon for the Inclusive Banking Track (04/2019 - 04/2019)

<http://solutions.odyssey.org/odyssey-hackathon-2019-winner-inclusive-banking-socialtec/>

### Alice Award (05/2018 - 04/2017)

Awarded as recognition of works leading to API standardisation, new in house REST API framework and various other accomplishments

### Winner | Nasscom Urban Hack (10/2019 - 10/2019)

The National Association of Software and Services Companies (NASSCOM) along with Bengaluru City Police, HackerEarth, Embarq India and IBM hosted a two day hackathon 'The Urban Hack'. Participated alone and got selected as one among 18 top hacks

## SKILLS

Golang

Python

Javascript

mysql

REST

Distributed Systems

PHP

Linux

Teamwork

Java

## PUBLICATIONS

### 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 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

### BTech in Computer science and engineering TKMCE

05/2009 - 05/2013

8.14

## LANGUAGES

English

Full Professional Proficiency

Malayalam

Native or Bilingual Proficiency

Hindi

Limited Working Proficiency

## INTERESTS

Photography

Cyber security

Biking

Coding