

# Siddarth Sreeni

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## EDUCATION

### **BITS-PILANI**

**B.E(HONORS) IN ELECTRICAL AND ELECTRONICS ENGINEERING**

Grad. 2018 | 7.3

### **VIJAYAGIRI PUBLIC SCHOOL**

**SENIOR HIGH SCHOOL**

Grad. May 2014 | 94.0

### **TOC-H PUBLIC SCHOOL**

**HIGH SCHOOL**

Grad. May 2012 | 9.6

## LINKS

LinkedIn:// [siddarth-sreeni](#)

StackOverflow:// [siddarth-sreeni](#)

## EXPERTISE

### **TECHNOLOGIES**

#### **USED/WORKED ON**

Amazon Web Services

DevOps

Application design and development

NoSQL - DynamoDB, Cassandra

RDBMS - Oracle DBMS, PostgreSQL

Micro-services

Artificial Intelligence

Cloud Computing

## SKILLS

- Dockers • Apache Ignite • Apache Spark
- Kubernetes • DCOS, Mesos • ECR
- Fargate • AWS Lambda, SQS • SNS
- DAX • Android • C • Linux
- Distributed Data • Shell scripting
- scala • python • SQL
- C++ • Java • Git • Jenkins
- EC2 • AWS dynamoDB • Open Source

## INTERESTS

- Reading • Travelling
- Tech savvy
- Sports e.g. Basketball, Football

## EXPERIENCE

### **HERE TECHNOLOGIES / NOKIA HERE MAPS**

**SOFTWARE ENGINEER II, MUMBAI**

July 2018 – Present

- Pioneered a drastic change to micro-services architecture from the existing relational model. Part of the driving team that initiated the change of the decade old legacy systems and software.
- Successfully worked on enhancing the API-services, Production support and also worked on state of the art technology mostly on AWS.
- Proficient in legacy software codes and part of the team that is in charge of the major transition.

**R&D RESEARCH INTERN, MUMBAI**

Jan 2018 – June 2018

- Worked on a POC on AWS using Fargate to replace CONTROL-M; a job scheduling which later went on to be showcased in engineering show case. Earned learn fast and win-together appreciations from leadership.
- Re-wrote the house number location prediction using machine learning and analysed the problem statement. Currently in production environment.
- Worked on the initial framework and successfully converted a tightly coupled RDBMS data structure to NoSQL.

### **K.S.E.D.C, GOV.T OF KERALA**

**RESEARCH INTERN**

July 2016 – Aug 2017 | Trivandrum, Kerala

- Implementation of an Echo sounder on Open Source Hardware- (ARM 64 based processor) and software platforms.
- Designed a Software for mapping the depth of the ocean floor logging data and plotting it in real time as used in the Indian Navy Ships and Vehicles.

## PROJECTS

### **IOT IN TINYOS** Jan-May 2016 | BITS Pilani

Used Telosb Motes to communicate with each other and send data to and from across the internet. Mentor: Dr. Anupama K.R

### **IMAGE PROCESSING USING MACHINE LEARNING** Aug-Dec 2016 | BITS Pilani

A comparison based study of classifying different 3D scan medical images (MRI) using different ML algorithms in Cuda. Mentor: Dr. Anita Aggrawal.

### **MARITIME DATA GATHERING AND STATISTICAL ANALYSIS.**

Oct 2017-Mar 2018 | BITS Pilani

Maritime data gathering and statistical analysis. Mentor: Dr. R. P. Pradhan.

### **GPU GOVERNOR FOR SD820 SOC- ADRENO 530** May 2017

- Similar to on-demand but less intense than MSM-Adreno from Qualcomm
- Graceful scaling of GPU frequency covering all frequency unlike performance mode

#### Publications

- Siddarth Sreeni., Hari S.R., Harikrishnan R., Sreejith V., "Multi-Modal Posture Recognition System for Healthcare Applications" IEEE TENCON, South Korea, Oct 2018
- Siddarth Sreeni., Sahitya Tahiliani., Tushar Gothankar., "Machine Learning Based Maximum Power Point Tracking In Tidal/Ocean Energy Conversion Systems" - International Journal of Electronics, Electrical and Data Communication, Volume 5 Issue 4