

# Arjun S.K.

Devi Krupa, Kunnoth Desam, P.O Nettur, Thalassery, Kerala Pin:670105

☎ (+91) 8281787181 | ✉ arjuns15@gmail.com | 🏠 www.arjuns15.com | 📱 arjuns15 | 🌐 arjuns15

## Value Profile

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|------|---|----------------------|
| 2016 | Exhibited ability to coordinate in team and maintain composure under pressure.  | SLAC Winner          |
| 2015 | Proven ability to deliver agreed projects with cent % customer satisfaction.    | Preferred Freelancer |
| 2013 | Having a logical approach to problem solving and formulate optimised solutions. | ICPC regional        |

## Experience

### SAP Labs

QUALITY ASSOCIATE

Bangalore

July. 2017

## Education

### Amrita Vishwa Vidyapeetham

B.TECH. IN COMPUTER SCIENCE AND ENGINEERING

- CGPA: 8.3/10

Amritapuri, Kerala

2013 - 2017

### Amrita Vidyalayam

HIGHER SECONDARY

- 87.8% in 12th Grade

Thalassery, Kerala

2012 - 2013

## Relevant Projects

### Musio

ONLINE MUSIC PLAYER BUILT USING REACT AND REDUX

- Implemented a react music player that fetches tracks from soundcloud api.
- Used redux framework to manage application states effectively.

React-Redux

May. 2017

### JUMPER

PHASERJS BASED AI GAME.

- Cross platform game built using PhaserJS and Synaptic.
- Trains ANN with jump patterns(manual mode) and latter, ANN plays on its own (auto mode).

Neural Networks

March 2017

### TUDAR

REALTIME MAP SIMILAR TO UBER

- Realtime map to find tutors in your geo-radius.
- Special attention to clean UI, network usage and performance.

Google Maps

Feb. 2017

### MQTT Pulse Monitor

ESP8266 BASED PULSE MONITORING BAND

- Programmed ESP8266-01 WiFi Module to upload sensor data and trigger notifications.
- Developed an Ionic app to visualise sensor data as spline.

IOT

Nov. 2016

### XMPP Chat Client

IONIC CORDOVA BASED REAL TIME CHAT MODULE.

- Real-time chat client build in AngularJS using Strophe and Cordova-sqlite-storage library.
- Remote and Local servers were configured using Openfire software.

Realtime chat

Mar. 2016

## Worder

SWIPE CARD BASED VOCABULARY BUILDER FOR GRE STUDENTS.

Android

Feb. 2016

- Vocabulary builder for Android with an emphasis on clean UI and usability.
- Implemented offline readability, reduced data usage and improved performance.

## FoodKart

IONIC CORDOVA BASED FOOD ORDERING APP.

Firebase

Mar. 2015

- Developed a Hybrid Shopping Cart app back-ended with Firebase.
- The performance and UI were significantly improved using crosswalk and ionic material.

## Achievements and Certificates

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2017	<b>Published a research paper on WiFi Security</b> , ICACCI-2017	IEEE Xplore
2017	<b>Qualified to Semi-Finals</b> , Vistara Hackathone 2017	IncubateIND
2016	<b>Winner</b> , SLAC Fest, National Level 24 hours Coding Competitions	ASE, Bangalore
2016	<b>2nd Place</b> , Hack a Thought , 24 hours Coding Competition	FISAT, Ernakulam
2016	<b>Qualified to Semi-Finals</b> , inGenius 2016	PESIT, Bangalore
2014	<b>Qualified to Regional</b> , ICPC Programing Competition	ASE, Amritapuri
2014	<b>Attendee</b> , Augumental Reality Workshop	ASE, Amritapuri

## Program Committees

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2016	<b>Core Tech Team</b> , Obstera, TBI initiative	ASE, Amritapuri
2015	<b>Member</b> , FOSS Club	ASE, Amritapuri
2014	<b>Member</b> , ICPC Club	ASE, Amritapuri
2013	<b>Committee Head</b> , Science Club	AV, Thalassery

## Languages

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ENGLISH	Professional working proficiency
GERMAN	Limited working proficiency
HINDI	Limited working proficiency
SANSKRIT	Limited working proficiency
MALAYALAM	Native or bilingual proficiency

## Volunteer Experience

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Jun. 2015	<b>Old age home visit for Yoga awareness</b> , St. Clare old age home	Kannur,Kerala
Oct. 2013	<b>Serve An Hour Campaign</b> , Amrita School of Engineering	Kollam,Kerala
Sep. 2013	<b>Food &amp; Accommodation</b> , Amritavarsham 60	Amritapuri,Kerala