

Arjun S.K.

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Value Profile

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|------|---|----------------------|
| 2016 | Ability to coordinate with team mates 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 |

Education

Amrita Vishwa Vidyapeetham

B.TECH. IN COMPUTER SCIENCE AND ENGINEERING

- Current CGPA: 8.25

Amritapuri, Kerala

2014 - PRESENT

Amrita Vidyalayam

HIGHER SECONDARY

- 87.8% in 12th Grade
- Proficiency in 11th Grade

Thalassery, Kerala

2012 - 2013

Amrita Vidyalayam

SECONDARY

- CGPA 10

Thalassery, Kerala

2000 - 2011

Relevant Projects

XMPP Chat

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.

Cordova

Mar. 2016 - PRESENT

Message Steganography

HIDING TEXT PAYLOAD INSIDE IMAGES.

- Used python image library, to modify LSB bits of digital image for concealing text payloads.
- Added 2nd layer protection using AES encryption (Crypto.cipher)

Python

Mar. 2016

Worder

SWIPE CARD BASED VOCABULARY BUILDER FOR GRE STUDENTS

- Vocabulary builder for Android with an emphasis on clean UI and usability.
- Achieved 3x performance, offline mode and reduced data usage.

Android

Feb. 2016 - PRESENT

Fake SMS

CREATE FAKE SMS WITH NOTIFICATION.

- Implemented a mechanism for creating fake SMS, with user specifications.
- The app needs no root permission and can self initiate the message notifications.

Android

Dec. 2015

SMS Audio Recorder

SMS TRIGGERED AUDIO RECORDER TO SEND RECORDING TO THE MAIL

- Implemented SMS Broadcast Receiver to upload a 10 sec audio, when the phrase SMS is received.
- The potential market as an additional module for existing anti-theft applications.

Android

Jul. 2015

FoodKart

IONIC CORDOVA BASED FOOD ORDERING APP

Cordova

Mar. 2015

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

Achievements and Certificates

2016	Winner , SLAC Fest, National Level 24 hours Coding Competitions	<i>ASE, Bangalore</i>
2016	2nd Place , Hack a Thought , 24 hours Coding Competition	<i>FISAT, Ernakulam</i>
2014	Qualified to Regional , ICPC Programing Competition	<i>ASE, Amritapuri</i>
2014	Attendee , Augumental Reality Workshop	<i>ASE, Amritapuri</i>

Writing

CodeKrypt

PROGRAMING BLOG

Jan. 2016

- Technical blog aimed at people who are comfortable with programming. Tutorials on my Git Open Source projects are provided. The tutorials mainly deal with Ionic Cordova, Android and PHP programming.

Geeks Valley

TECH BLOG

Feb. 2013

- General tech related blog which provided tutorials on simple technical hacks. Had a strong viewer following with a peak of around 54,000 viewers.

Program Committees

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

Languages

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

Volunteer Experience

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