Sujith Vadakkepat

Education

2012-2016 **Bachelor of Engineering (B.E)**, *P.E.S Institute of Technology, Bangalore South Campus*, India.
Visvesvaraya Technological University, Belgaum, Karnataka, India.

- Computer Science and Engineering
- Aggregate Score : 82.18 %

Semester 1 **88.00 %**, *First Class with Distinction*.
Semester 2 **84.90 %**, *First Class with Distinction*.
Semester 3 **85.44 %**, *First Class with Distinction*.
Semester 4 **80.88 %**, *First Class with Distinction*.
Semester 5 **71.66 %**, *First Class with Distinction*
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2011-2012 **Indian School Certificate (ISC)**, *St. Joseph's Boys' High School, Bangalore*, India.
Council for the Indian School Certificate Examinations, India.

- Marks Obtained - 90.83 %

2009-2010 **Indian Certificate of Secondary Education (ICSE)**, *St. Joseph's Boys' High School, Bangalore*, India.
Council for the Indian School Certificate Examinations, India.

- Marks Obtained - 91.42 %

Computer skills

Subjects Operating Systems, DBMS, Compiler Design, Computer Networks, Pattern Recognition, Software engineering, Graph Theory, Algorithms, Microprocessors, Data Structures, Computer graphics, Digital Logic, Electronic Ciruits

Programming languages Java, Android API, Python, Scala, C, C++, Ruby, JavaScript(Basic), C#(Basic), PHP(Basic)

VCS Git

Software Packages MySQL, SQLite , LaTeX

Development Tools Eclipse, Android Studio, IntelliJ Idea, JCreator, BlueJ, Code Blocks, VIM, IDLE

Operating Systems Windows, Linux

Experience

2014 **Google Summer of Code, Intern**, *Swathanthra Malayalam Computing - libindic project*.
Developing Android library for Indic language processing and patch for fixing rendering of Indic texts on Android phones using Harfbuzz (complex script layout engine), FreeType (font rasterization engine) and libpng (PNG reference library) at application level.

2014 **Intern**, *Android Application Developer*, Mobiotics, Bangalore, India.
Received appreciation for on-time completion, quick learning and dedication.

2013 **Intern**, *Java Programmer*, Sanfoundry, Bangalore, India.
Received appreciation for dedication, innovative thinking and project responsibility.

Projects

Guide Dog, *Android Application*.
Android application for the visually challenged community. A fully functional application launcher with Braille input, OCR, voice recognition, SOS and personal assistant.

Hardware device interfacing, *Product*.
Interfacing hardware/electrical devices to Internet enabling remote access via RPC using Raspberry Pi and Rails server.

NLP modules, *Language processing application*.
Developed NLP modules such as Sentimental Analyzer, Readability Index for given text using Python NLTK library.

Achievements

2015 Secured 2nd place in Business Marathon at 8th Mile 2015 hosted by RVCE

2015 Secured 3rd place in IEEE Programming League hosted by IEEE

2014 Secured 1st place in Coding and Debugging at Utsav 2014 hosted by BMSCE

2014 Secured 1st place in Programming Contest, 2nd place in Reverse Coding at 8thMile 2014 hosted by RVCE

2014 Secured 1st place in Coding and Debugging at Abhivyakti 2014 hosted by BMSCE

2014 Secured 1st place in Coding and Debugging at Kalanjali 2014 hosted by MVIT

2014 Secured 1st place in Code Jam at Anaadyanta 2014 hosted by NMIT

2014 Secured 1st in C Debugging at Magnovite 2014 hosted by Christ engineering college

2014 Secured 1st place in Coding and Debugging at Utsaha 2014 hosted by BMSIT

2014 Secured 2nd place in Android Application Development at Revamp 2014 hosted by Reva ITM

2014 Qualified ACM ICPC Asia Amritapuri 2014 Online Round

2013 Qualified ACM ICPC Asia Amritapuri 2013 Online Round

2013 Secured 1st place in Coding and Debugging at Maaya 2013 hosted by PESIT, BSC

2013 Secured 1st place in Coding and Debugging at Kalanjali 2013 hosted by MVIT

2013 Secured 1st place in Coding and Debugging at TechFusion 2013 hosted by TJIT

2013 Secured 1st place in Language X coding contest hosted by PESIT BSC

2013 Secured 2nd place in Verve 13 coding and debugging contest hosted by JSSATE

2013 Secured 1st place in NCode2.0 online coding contest hosted by UVCE

2013 Secured 1st place in Blind Coding, 2nd place in Code Debugging at Revamp 2013 hosted by Reva ITM

2013 Secured 2nd place in Coding and Debugging event at Avalanche 2013 hosted by BMSCE

2013 Secured 3rd place in C-BUG programming competition at Sero 2013 techfest hosted by IEEE NMIT

2012 Secured 1st place in Spare Bots at E^3 2012 Electrical and Electronics fest hosted by BMSCE

2012 Was awarded Rev Father Michael John Award, Rev Father Claude D'Souza Award and Rev Father Hilario Fernandes Award for highest marks in Environmental Education, Physics and Computer Science respectively and also received Principals Gold Medal for 2nd Highest Marks in ISC 2012 at St. Joseph's Boys' High School

2011 Represented INDIA in the SEARCC (South East Asia Regional Computer Confederation) International School Software Competition 2011

2011 Secured 2nd place in the Young Talent Search in Computer Programming Contest 2011 conducted by Computer Society of India

2011 Secured 4th (State) Rank and 70th (International) Rank in first round and 312th(International) Rank in final round of 11th National Cyber Olympiad 2011 conducted by the Science Olympiad Foundation(SOF)

2010 Was awarded Luke and Anne D'Souza Award and Mrs. Lynette Lobo Award for highest marks in History Civics/Geography and Environmental Education respectively in ISCE 2010 at St. Joseph's Boys' High School.

Additional Technical Exposure

2014 Attended PyCon 2014

2014 Attended conference The Digital Future of Indic Languages hosted by #NAMA

2013 Attended PyCon 2013

2013 Attended workshop on Unix System Programming held at PES Institute Of Technology Bangalore South Campus in the month of March 2013

2013 Completed course on Udacity Introduction to Computer Science: Building a Search Engine

2012 Attended workshop on SNMP (Simple Network Management Protocol) held at PES Institute Of Technology, Bangalore South Campus in the month of October 2012

Profiles

GitHub	https://github.com/sujithvm
StackOverflow	http://stackoverflow.com/users/3605029/sujithvm
CodeChef	http://www.codechef.com/users/sujithvm
TopCoder	http://community.topcoder.com/tc?module=MemberProfile&cr=23202945
Codeforces	http://codeforces.com/profile/sujithvm
HackerRank	https://www.hackerrank.com/sujithvm
HackerEarth	http://www.hackerearth.com/users/sujith
SPOJ	http://www.spoj.com/users/sujithvm
Techgig	http://www.techgig.com/sujithvm

Languages

Fluent	English
Intermediate	Hindi, Malayalam
Basic	French

Personal Details

Full Name	Sujith Vadakkepat
Son of	Muralidharan Vadakkepat
Date of Birth	24th June, 1994
Nationality	Indian
Gender	Male