

# **Swarup Kumar Mahakud-*Curriculum Vitae***

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## **Education**

S.NO	EXAM/COURSE	BOARD/UNIVERSITY	YEAR OF PASSING	MARKS OBTAINED	DIVISION
1.	B.TECH	CUSAT	2019	8.53/10	--
2.	12 <sup>TH</sup> CLASS	C.B.S.E	2014	88.80%	1 <sup>ST</sup>
3.	10 <sup>TH</sup> CLASS	C.B.S.E	2012	10.0/10.0	1 <sup>ST</sup>

## **Subjects Studied:**

- Data Structures and Algorithms
- Object Oriented Programming in C++
- Discrete Computational Structures
- Computer Architecture and Organisation
- Microprocessors
- Database Management Systems
- Automata Language and Computations
- Data and Computer Communications
- Complex Variables and Differential Equations
- Linear Algebra and Transformation Techniques

## **Skills & Expertise**

### **LANGUAGES**

1.C & C++(STL) 2. JAVA 3. MySQL 4.HTML 5.Python 6.Ruby(Beginner).

## **Internships**

**Directi(Codechef):December,2017.**Created content for tutorials in Codechef,featuring Data structures & Algorithms.

## **Achievements:**

- **GOOGLE CODE JAM-2016**-Qualified for the Round 1A by solving 2/4 problems.
- **FACEBOOK HACKER CUP-2016**: Passed the Qualification round by solving 2/3 problems.
- **GOOGLE CODE JAM-2017**-Qualified for the Round 1A by solving 2/4 problems.

## **Workshops/Projects**

- Created a website of Youth Welfare Department for our college and my job was to manage the Database and front end which was completed using PHP, MySQL and Bootstrap.
- Participated in a two day long ETHICAL HACKING WORKSHOP that was conducted by NIT Trichy
- Won prize for most innovative bot at the one day long hackathon conducted by a Silicon Valley based company **DATALOG.ai**
- Scraped websites using BeautifulSoup library.

## **Position of responsibility:**

- **JOINT SECRETARY PROGRAMMER'S SQUARE** - Conducted sessions on varied domains of Computer Science for a crowd of around 50-70 people.
- **INNOVA DEN**-Instructor at the first non-profit, self-funded learning center of Kochi.

## **Extra-Curricular:**

- **SARGAM 2017**, Cultural Fest CUSAT-Won First Prize in Hindi short story writing,
- **VIPANCHIKA 2017**, Cultural Fest SOE -Won First Prize in Hindi Short Story writing Competition.