

# Amulya Boyapati

I am passionate about problem-solving. My interests lie in Human-Computer Interaction, Machine Learning, Data Structures, and Algorithms. I am a highly adaptive student looking forward to take the opportunity in Software Development where I can leverage my experience, technical expertise, and problem-solving skills and as well as contribute to the company.



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## EDUCATION

### Bachelor of Technology, CSE Vellore Institute of Technology

06/2017 – Present

8.66 CGPA

### XII (Intermediate)

Sri Chaitanya Junior college

06/2015 – 05/2017

97.5 %

### X CBSE Board Examinations

Dr KKR Gowtham International School

04/2015

10 CGPA

## PERSONAL PROJECTS

Online survey management

- A portal which is developed by the university which take surveys for among students, faculties and parents regarding the academics, hostel facilities, faculties etc. The project is further going to be developed with the help of university technical team to make it live.

Implementation of Floyd Warshall's Algorithm using open MP, SIMD and MPI

- Comparison of run time using various parallel programming to describe which is the best.

Employee Research Progress Management System 📄

- A website where faculty get a platform to share their research details and that can be helpful for students of various fields. Front end is made by HTML, CSS, Bootstrap. Integration by PHP and MYSQL database.

## ORGANIZATIONS

### SWE - Intern Cyient Ltd

05/2019 – 07/2019

Road health analytics. · The image processing techniques like object detection and segmentation are used to identify the road conditions. Mask R-CNN is the architecture used.

### SWE - Intern MSR COSMOS

05/2018 – 07/2018

Learning intern which deals with one solution Hadoop for Big Data which has different echo systems like HDFS, Hive and HBase.

### Vice - President CODECHEF - VIT

04/2019 – 05/2020

## SKILLS

Java

Data Structures

Problem Solving

C

HTML

CSS

My SQL

PHP

Leadership

## ACHIEVEMENTS

Java 5 Star in Hacker Rank (04/2020)

Virtual Intern Experience at JPMorgan Chase & Co (04/2020 – 04/2020)

Vice - President at CODECHEF -VIT (04/2019 – 05/2019)

Organizer for DEVSOC'20 (VIT's largest hackathon)

Organizer for COOKOFF 4.0 (competitive coding)

Coordinator for Riviera '2020

## CERTIFICATES

Machine learning 101 - by GUVI Geek Networks, IITM Research Park (03/2020)

Mathematics for Machine Learning: Linear Algebra - by Coursera (03/2019)

Cloud Computing Applications, Part 1: Cloud Systems and Infrastructure - by Coursera (10/2019)

Interactivity with JavaScript -by Coursera (10/2019)

## LANGUAGES

English

Full Professional Proficiency

Hindi

Professional Working Proficiency

Telugu

Native or Bilingual Proficiency

French

Elementary Proficiency

## INTERESTS

Reading Books

Problem Solving

Painting

Gardening