



## AMRIT SATPATHY

Course: BTech

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Branch : Computer Science

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### ACADEMIC DETAILS

COURSE	SPECIALIZATION	INSTITUTE /COLLEGE	BOARD	SCORE	YEAR
UG	Computer Science	Vellore Institute of Technology	B.Tech	8.57	2018-2022
12th	Science (CSE optional)	DAV Public School, Cspur, Odisha	CBSE	93.4%	2018
10th	General	DAV Public School, Cspur,Odisha	CBSE	10 CGPA	2016

### QUALIFICATION

Subjects / Electives	Web Development, Database Management, Object Oriented Programming, Operating Systems, Artificial Intelligence
Technical Proficiency	Python, C++ Language, Data Structures, Algorithms, SQL Database, R programming
Other Skills	Computer Graphics using Blender, Image Editing using GIMP, Video Editing using Open Shot Editor, Ethical Hacking using KALI Linux, Android App Development, Docker

### INTERNSHIP

#### Email Reply Bot

**May 2020 – June 2020**

Worked for a start-up JETLEADS developing an email reply bot which fetches mail from IMAP sever and sends replies based on sentiment of the incoming mails.

Developed a frontend using Flask for easy accessibility of the bot to the client.

## PROJECTS

### City Safe - a web portal to report online crime

Jun 2019 – Sep 2019

A web development project built using HTML, CSS, JavaScript, MySQL implementing MVC in Laravel framework.

### PubG Win Predictor

Dec 2018 – Feb 2019

Used various machine learning algorithms such as Logistic Regression, Naive Bayes ,SVM etc. to build models which predicts the win percentage of the user.

### Diary Maker Web App

Oct 2019 – Dec 2019

Made a web app which uses Passport.js to sign-in users based on their Gmail credentials. The user can make new entries, delete their entries and see other user's diary entry if it is in public mode

### Toxic Comment Classifier

Feb 2020 – July 2020

Worked on Kaggle dataset to classify comments collected from various sources and assigned a level of toxicity to the comments based on different types of neural networks like LSTM,Bi-GRU etc.

### BoxCrash

Sep 2020 – Nov 2020

Developed a basic game in C# using unity game engine where a cube controlled by an user needs to avoid obstacles to complete a level

## CERTIFICATE

### Blockchain and Bitcoin Fundamentals

Understood the nitty gritty detailed workings of blockchain and its implementation in bitcoin by doing a course on Udemy

### Full Stack Web Development

Pursued a course on full stack development and created a web application using the technologies learned

### Hands-On Hadoop

Learned various tools like Apache Ambari for UI handling, Pig for data transformation YARN for processing data and HDFS at the core

### Deep Learning with Python and Keras

Worked on various deep learning models architectures like ANN, CNN and RNN

### Cloud Computing using AWS

Understood cloud computing and learned various tools like EC2, S3, IAM, Route 53 to implement techniques like creating instances of Virtual Machines, storing data in buckets, providing access -control etc

## VOLUNTEER EXPERIENCE

NSS CAMP -Role: Volunteer / Cause: Social Service

2014-2016

Organised various programs for social welfare and was part of various campaigns such as cleanliness camps held in remote areas of Kalahandi of Odisha

## EXTRA CURRICULAR ACTIVITIES

### BADMINTON

Play badminton and have participated in state level competition

### DRAWING

Took part in various drawing competition held by art institutes and secured position