

# AKHIL ANAND SIRRA

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## EDUCATION

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**Chaitanya Bharathi Institute of Technology, Gandipet**

Bachelor of Engineering, Information Technology

*August 2017 - Present*

CGPA: 7.19

**Sri Chaitanya Junior Kalasala, Kukatpally**

Intermediate/+2

*June 2015 – April 2017*

Overall Percentage: 92.9

**Sri Chaitanya School, Bowenpally**

Matriculation

*June 2012 – April 2015*

CGPA: 9.3

## TECHNICAL SKILLS

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**Programmimg & Web  
Software & Tools**

C/C++, JAVA, Python, R, HTML, CSS, JavaScript, jQuery, XML

Experienced in Git, Android, SQL, Adobe Photoshop, Illustrator, Bootstrap  
and familiar with L<sup>A</sup>T<sub>E</sub>X, After Effects, Unity3D, Blender, React, Node.js

## PROJECTS

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**CBIT STUDENT APP | PLAYSTORE, GITHUB**

- Developed and deployed an **Android** application with Material UI for scraping Student information from CBIT student website using **jsoup** library and animations using Lottie Animations.
- Decreased student login time by **80%**(15s to 3s) by directly scraping the login URL.
- Added notes and syllabus sections of each branch and semesters for easy and faster accessibility.

**COVID-19 TRACKER | WEBSITE, GITHUB**

- Built a **React** Web application to keep track of coronavirus cases around the world using **COVID-19 API**.
- Detailed card shows the extent of the coronavirus outbreak, with charts of the number of cases by country using **Chart.js**.

**CHINESE APP MANAGER | PLAYSTORE, GITHUB**

- Developed and deployed an **Android** application for detecting/managing Chinese Applications installed in your device.
- Slashed App scanning time by **85%** by implementing **RecyclerView** and using **Hash Table**.
- Implemented a **Broadcast Receiver** to listen in on uninstall events from the system.

**CUBERUN GAME AI | GITHUB**

- Designed and implemented a 3-Dimensional game Cubethon using **Unity** from scratch and developed a Game AI able to play the game using **Navigation Mesh**.

**NEARBY PLACES | GITHUB**

- Developed an **Android** application that allows you to search for any place in your vicinity and nearby places through geolocation, distance using **Google Maps API**.
- Improved search results by implementing an option to set the desired proximity radius in the nearby search.

## RELEVANT COURSEWORK

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**Undergraduate**

Probability & Statistics, Object Oriented Programming, Data Structures, Design and Analysis of Algorithms, Artificial Intelligence, Operating Systems, Software Engineering.

## POSITION OF RESPONSIBILITY

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### **Sudhee 2019 - Technical Festival**

September 2019 - September 2019

*Event Coordinator*

*CBIT*

- Organized Cogonos paper presentation event of TECSTASY 2k19, a part of SUDHEE by IT department of CBIT.
- Supervised a team of 5 and oversaw 30 paper presenting participants over the course of 2 days.

### **Django Workshop 2019 - COSC**

August 2019 - August 2019

*Event Coordinator*

*CBIT*

- Organized a Django Workshop, A 2-day workshop conducted by CBIT Open Source Community.

## EXTRACURRICULAR & ACADEMIC ACTIVITIES

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### **KPMG**

June 2020

*Data Analyst Virtual Intern*

*InsideSherpa*

- Prepared customer data for analysis by modifying incomplete and irrelevant data using different data cleaning techniques.
- Used different statistical and visualization techniques to describe main characteristics of the dataset.
- Developed an interactive dashboard focusing on identifying potential customers based on transaction details of customers.

### **JP Morgan Chase & Co.**

May 2020

*Software Engineering Virtual Intern*

*InsideSherpa*

- Interface with a stock price data feed and set up your system for analysis of the data.
- Implemented the Perspective open source code in preparation for data visualization.
- Used Perspective to create the chart for the trader's dashboard.

## ACHIEVEMENTS

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Shortlisted for **Smart India Hackathon 2020**, conducted by Government of India(MHRD).

Presented Poster at **Cyber Security Poster Completion** evaluated by Data Security Council of India (DSCI).

Active member of **Facebook Developer Circle: Hyderabad**.