AKHILANAND SIRRA

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EDUCATION

Chaitanya Bharathi Institute of Technology, Hyderabad   *August 2017 – June 2021*
Bachelor of Engineering, Information Technology   CGPA: 7.73
Affiliated to Osmania University

TECHNICAL SKILLS

Programmming & Web	C/C++, JAVA, Python, R, HTML, CSS, JavaScript, jQuery, XML
Software & Tools	Experienced in Git, Android, SQL, Adobe Photoshop, Illustrator, Bootstrap and familiar with LaTeX, After Effects, Unity3D, Blender, React, Node.js

PROJECTS

CBIT STUDENT APP | PLAYSTORE, GITHUB   *October 2019 – February 2020*

- 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 **Stay Signed In** feature to preserve the user's session token using **SharedPreferences**.

COVID-19 TRACKER | WEBSITE, GITHUB   *June 2020 – August 2020*

- Built a **React** Web application to keep track of coronavirus cases around the world using **COVID-19 API**.
- Detailed cards and charts shows the extent of coronavirus outbreak using **Chart.js**.

MALICIOUS APP MANAGER | PLAYSTORE, GITHUB   *April 2020 – May 2020*

- Deployed an **Android** application for detecting/removing apps banned by the Indian Government.
- 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   *December 2019 – February 2020*

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

NEARBY PLACES | GITHUB   *December 2018 – February 2019*

- 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.

ACHIEVEMENTS & EXTRA-CURRICULAR

Chief Coordinator for Cognos paper presentation event of **Sudhee-2019.**

Designed and developed an interactive and responsive website for **Sudhee-2019 and Shruthi-2020.**

Part of the Debugging Team of **Django Workshop**, conducted by CBIT Open Source Community.

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

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

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

Completed a rudimentary **Japanese Language** course offered by Saint Petersburg State University.