

PADUMATI SAIKIRAN REDDY

4th Year Computer Science Student at IIIT-Bangalore, Expected graduation in 2022

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EDUCATION

Present **International Institute of Information Technology, Bangalore**
August 2017 > Currently pursuing 4th year of five year iMtech degree in Computer Science.
> Specializations in *AI ML* and *Theory and Systems for Computing and Data*.
> Cumulative GPA : 3.31 / 4.00

SKILLS

Languages Python, C++, C, Java, JavaScript, TypeScript, lua, Go[Beginner]
Technologies and Frameworks Linux, Android, Git, ~~LaTeX~~, Vue.js, MySQL, MongoDB, Flutter, Docker, PIT, PyQt5
Flask, Socket.io

WORK EXPERIENCE

Canvasbird, Opensource | Maintainer

NOVEMBER 2020 - PRESENT



- > Actively maintaining Project Canvasboard, an interactive board with plugins focusing on replacing the need of multiple platforms for teaching, presenting or explaining your ideas.
- > Presently active in Nine Schools and One University.
- > Mentored for the Organization in [Kharagpur Winter of Code 2020](#) and [Winter of Code 2020](#).

[Angular](#) [Bootstrap](#) [Jquery](#) [FabricJS](#) [Nodejs](#) [MongoDB](#) [Amazon AWS](#)

PROJECTS

VENEx | HACKATHON

JUNE 2020 - JULY 2020

[github](#) [Venex](#) [SIH 2020](#) [MIXORG](#)

This is a software application developed for the finals of the **Smart India Hackathon 2020** for **MIXORG**. It uses Object-Based Detection to recognize license plates and send the activity to the Vue Application. My contribution to this project was the complete development of the Main Application client and Model integration.

[Vue.js](#) [Flask](#) [Yolov4](#) [Tensorflow](#) [Python](#) [Socket.io](#)

MOSIP | ANDROID APPLICATION [\[PROF. THANGARAJU B\]](#)

JANUARY 2020-JUNE 2020

[github](#) [Mosip](#)

This is a Native Android Application developed for **Mosip**. We developed a Face Recognition based QR Code Authentication System. This Project involved Image Compression for storing QR code and using the Dlib Library for recognizing faces stored in the QR Code. My Contribution to this project was the UI development and integration of Dlib Library and the QR code decoder.

[Android](#) [dlib-android](#) [zxing](#)

BIG DATA VISUALIZATION TOOLS | ELECTIVE PROJECT [\[PROF. JAYA SREEVALSAN NAIR\]](#)

JANUARY 2021 - APRIL 2021

[github](#)

This is an Elective Project where various Big Data Visualization frameworks have been implemented, analyzed, and compared. The frameworks which were implemented are ArcGIS, kepler.gl, QGIS, and Apache Spark. The Visualizations were done on BigQuery Public Dataset Catalonia cell coverage Dataset.

[Apache Spark](#) [ArcGIS](#) [QGIS](#) [kepler.gl](#) [React.js](#) [Vue.js](#)

AIRLINE MANAGEMENT SYSTEM

NOVEMBER 2019

[github](#)

This is a Hibernate Java Database Application which handles transactions between management and customers of the airline through the SWT GUI and MySQL database.

[Java](#) [Mysql](#) [Hibernate](#) [SWT](#)

ADDITIONAL EXPERIENCE AND ACHIEVEMENTS

- > **Smart Indian Hackathon 2020**, Finalist.(Software Edition).
- > Winner of Cyber Security and Forensics Competition held by IIITB.
- > Core Committee Member of the Internet Committee of IIITB.