

Krishna Sai Mangalarapu

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Portfolio - <https://krishpatel.xyz>

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Education

2016 - 2020 **Bachelor of Technology in Computer Science Engineering**
in **J B Institute of Engineering & Technology**
Hyderabad , India

Currently in Final Year

Technical Interests

Front End Web Development, UI/UX, Quantum Computing, Machine Learning, Open Source .

Work Experience

2018- Present **ChairPerson** - Association for Computing Machinery (ACM)
JBIET STUDENT CHAPTER.

- Organised a Technical event in College and acted as Chief Coordinator.
- Developed a Website for Student Attendance Management system.
- Designed a Web App for my College Technical Event - InfoQuest'19
- Three years of Experience in Designing Web Interfaces.
- International Intern at Morocco - (Yalla Entrepreneurship)

Achievements

- Won the India's Central Govt **Open Gov Data Hackathon** at Hyderabad level.
- Was in Top 5 at world's Largest Hackathon **AngelHack'18** Hyderabad , India .

Technical skills :

Languages - HTML , CSS, JavaScript, Dart, Flutter, Node.js, Express, Python, JQuery, Bootstrap.

Projects :

Magical Newspaper - Augmented Reality App

Using the latest features of ARKit to turn a box down News Paper into Magical newspaper that play content that's relevant to the image that gets detected. The back camera of the device searches for a scene and when it recognises the scene in the newspaper the video is played in its position which livens up the experience of reading a news paper. The Content Technology used are the SceneKit and SpriteKit

A New Quantum Approach to Binary Classification - Quantum Computing

Designed and implemented a Quantum-Inspired Binary Classifier (QIBC), which is a step moving from the classical model to quantum-inspired models of classification. This proposed model is efficient enough to be consistently derived to an absolute number of features and demonstrate the optimal performance measures while respecting the classical version of SVM for various collections.