



K O D I S U N D E R E S H W A R

BE IN COMPUTER ENGINEERING

WWW.THESUNDERESHWAR.COM



ABOUT ME

Self-motivated student seeking good position in a good organization where my potentials will be fully discovered while working for the company dedicatedly. Bringing outstanding dedication to the organization's affairs while gaining experience on the field with the ability to learn and acquire extensive knowledge and experience.



CONTACT

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TECHNICAL SKILLS

PROGRAMMING LANGUAGES

C, C++, C#, Java, Python, R

DATA SCIENCE

Data Analysis, Data Visualization,
Deep Learning, Image Classification
and Object Detection

WEB AND APP DEVELOPMENT

HTML, CSS, PHP, ASP.NET, Bootstrap,
Javascript, NodeJS, Xamarin

DESIGNING AND VIDEOGRAPHY

Adobe Illustrator, Adobe AfterEffects,
Adobe Premiere Pro and Adobe
Photoshop

TOOLS & PLATFORMS USED

Azure, AWS, Azure ML Studio, Power-
apps Platform, Azure Databricks,
MLFlow, Prometheus, Grafana, Andri-
od Studio, Visual Studio



EDUCATION

10TH STANDARD (ICSE)

2006 - 2015

SEVENTH-DAY ADVENTIST HIGHER SECONDARY SCHOOL

Percentage: 74%

12TH STANDARD (HSC)

2015 - 2017

SRI CHAITANYA JUNIOR COLLEGE

Percentage: 73%

BACHELORS IN COMPUTER ENGINEERING

2017 - 2021

A. D. PATEL INSTITUTE OF TECHNOLOGY

CPI: 7.63 **CGPA:** 7.66

Sem 1: 7.34 Sem 2: 7.61 Sem 3: 6.36 Sem 4: 8.06
Sem 5: 7.20 Sem 6: 7.41 Sem 7: 8.39



EXPERIENCES

DATA SCIENCE INTERN

MAY 2019 - JULY 2019

ANALYTICSCOSM

Completed an Internship in Data Science at Analytics-cosm, New Delhi and in which I had led 19 teams in Projects on machine learning and data analysis.

AI AND MLOPS INTERN

MAY 2020 - AUGUST 2020

TATA CONSULTANCY SERVICES

Doing an Internship as a part of AI Studio at Tata Consultancy Services. Completed End to End Projects on MLFlow, Azure Databricks, Dataiku and GPU Monitoring.

MICROSOFT LEARN STUDENT AMBASSADOR

SEPT 2019 - ONGOING

GOLD MICROSOFT LEARN STUDENT AMBASSADOR

Part of an outstanding global community of like minded people from all over the world. Done many collaborations, organised various events and have wide network of people.

STUDENT MEMBER

DEC 2018 - ONGOING

IEEE STUDENT MEMBER

Worked as an Volunteer to Coordinator in various events. Held a Position of Vice-Chairperson and Chairperson in sub-societies. Global Lead Ambassador for IEEE Collaboratec. Content Writer for Various Events. Member of IEEE Smart Village South Asia Working Group.

CREATIVE TEAM LEAD

DEC 2019 - ONGOING

DESIGN AND VIDEOGRAPHY LEAD AT ADIT

Created Various Designs and Videos for the Social Media Promotion of ADIT. Currently also mentoring students in designing.



PROJECTS

- AI-BASED MICROSCOPE WITH IMAGE SEGEMENTATION [ONGOING]

Creating an AI-Based Microscope which could have the capability of auto-capturing images using Machine Learning and Giving out the output of the contents in the captured image.

- EVISION: AN ALL-IN-ONE APP FOR THE BLIND

This Project was created to help Blind People on a daily basis, from Reminding him chores to navigating him to various places safely.

Follow this link to view the demo: youtube.com/watch?v=FS85vg46HX8

- GARBAGE DETECTION SYSTEM USING DRONE

Designed and Analyzed an Artificial Intelligence program for tasks such as detecting garbage , road damage and further problems requiring daily surveillance.

Follow this link to view the demo: youtube.com/watch?v=DHTGTMHjOYo

- CUIISINE: END-TO-END RESTAURANT MANAGEMENT SYSTEM

Built a Completely automated system for Restaurants where from ordering the food from the customer to managing the bill and payment, The System handles it all

Follow this link to view the demo: cuiisine.firebaseio.com

- SELF-CHECKOUT: AN EDGE COMPUTING SYSTEM FOR KIRANA STORES

Developed a Application which scans the product and calculates the bill as well as removes it from the database. This project was focused on making the lives easier and cheaper.

Follow this link to view the demo: youtube.com/watch?v=F6bWvU7-Te4

- AI-BASED INCIDENT REPORTING APP

Developed a Application which helps People Report an Incident or anything that the Machine Learning Model is trained and and Plots the Location on the Map with the Image Taken at the HeadOffice. This App was created using the services Azure Custom Vision, Bing Maps, REST API and Microsoft Powerapps Platform

Follow this link to view the demo: youtube.com/watch?v=FwIII_BNOIU



ACHIEVEMENTS & PARTICIPATIONS

- Selected as **Microsoft Student Partner** on September 2019 and later rebranded to **Microsoft Learn Student Ambassador** on August 2020.
- Represented my College at **Microsoft Student Partner Summit** conducted in New Delhi in January 2020.
- Started **Microsoft Student Partner ADIT Campus Community** in my college.
- Creative Lead for **MSInspir**, A Community recognised greatly in the Microsoft Student Partner Community.
- Awarded for winning the **MSP Developer Stories**.
- Showcased on **Microsoft Imagine Cup Twitter** Account Twice for being an Active Microsoft Student Partner.
- Article got posted on **IEEE USA Insights**.
- Elected as **Chairperson** for IEEE ADIT **Power and Energy Society** in 2018.
- Elected as **Vice-Chairperson** for IEEE ADIT **Computer Society** in 2019.
- Part of Robotics Team "**THE ROAR**", which won many events and is recognised throughout the State.
- Selected as a finalist in **SSIP's 2018 GIH Hackathon**.



EXTRA-CURRICULAR ACTIVITIES

- Member of **IEEE** since December 2018 (Insitute of Electrical & Electronics Engineers).
- Lead Organiser for the Upcoming Hackathon "**HackGujarat**"
- Organised Many Global Level Events like **HackGujarat**, **CodeStories**, **Virtual Hackathon** and Events on **MSInspir**.
- Recognised as **Global Lead Ambassador** for **IEEE Collabratec**.
- Content Writer for IEEE Smart Village South Asia Working Group.
- Content Writer for IEEE CS Compute Edition 8.
- Ambassador for IEEE, IEEE Xtreme,PES Day 2019 & 2020, PES Zero Hunger Day, IEEE CS India IPL.
- Worked as **VFX and Effects** Volunteer for **Spectrum'20**.



DECLARATION

I HEREBY DECLARE THAT THE ABOVE GIVEN INFORMATION IS TRUE AND TO THE BEST OF MY KNOWLEDGE.