

# KEVIN COLACO

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*I am pursuing my B-Tech for CSE. I am seeking for a job as a Software Engineer. I am adaptive, a quick learner and most importantly, a team member with good analytical and communication skills.*

## ACADEMIC PROJECTS

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### MACHINE LEARNING & DATA ANALYSIS

- Developed and implemented a Fake Marksheet Validation system using OCR technology achieving an impressive 95% accuracy in validating marksheet authenticity.
- Streamlined the manual data entry process of student marksheet using OCR technology achieving a remarkable accuracy rate of 97% in extracting and inputting data.
- Designed and developed a Python-based security camera using Raspberry Pi, while also configuring the system to capture and email images of unidentified faces for security purposes. This enhanced the home's surveillance capabilities and improved the overall security system.

### FLUTTER

- Developed a Hostel Management Application for Nisarg Hostel. Designed and implemented features to streamline hostel operations, including room allocation, billing reports and student information tracking. Received positive feedback from hostel staff for the user-friendly interface and enhanced functionality.
- Developed a robust Content Aggregator to aggregate news articles, tweets, and other relevant content from various sources. Improved users' efficiency to receive information by 40%.

### CLOUD COMPUTING

- Designed and developed an OCR device leveraging AWS Lambda and AWS IoT technologies, to capture images and send real-time analytics about the captured images.

## ACHIEVEMENTS

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- Leader of the team that won the Azadi ka Amrit Mahotsav Hackathon organized by Education Department (Higher & Technical), Government of Gujarat which was held in 2022.
- Secured 4<sup>th</sup> position out of 200 teams, in CodePie 3.0, a competitive programming contest, in collaboration with Coding Ninjas, organized by CHARUSAT, held in 2023.

## ADDITIONAL SKILLS

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- Technical skills: Advanced Python, Dart, Linux, SQL, JavaScript, C/C++
- Framework / Platform skills: Flutter, Git, Excel, Docker, Android Studio
- Cloud: Amazon Web Services (AWS), Google Cloud Platform (GCP)

## EDUCATION

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### CHARUSAT UNIVERSITY

Bachelor of Technology in Computer Science & Engineering

- CGPA: 9.77/10.0

Changa, Gujarat  
Dec 2024