

STEVE SEQUEIRA

Final Year student at Fr. Conceicao Rodrigues College of Engineering (Fr. CRCE)

My Contact

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📍 Mumbai, India

🌐 [My Blog page](#)

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Technical Skills

Python, Front-End, Data Analysis, AWS, Jupyter Notebook, Pandas, Excel, Thingspeak, Proteus, Tinkercad, NumPy, SQL, Google collab, K-Means Clustering, K-Nearest Neighbors, Linear regression, Technical analysis, Keil, Arduino IDE, IR sensor, Fingerprint sensor, Decision Trees, tkinter, PCA, spaCy, heapq

Soft Skill

- Observation
- Decision making
- Communication
- Multi-tasking
- Leadership

Education Background

- Fr. Conceicao Rodrigues College of Engineering
B.E Electronics and Computer Science
CGPA: 7.49
07/2021 - 06/2025
- St. Andrew's College, Bandra West
12th HSC Science Stream (IT Bifocal)
Maharashtra State Board of Secondary and Higher Secondary Education
Secured: 83.67%
2019-2021
- St. Stanislaus High School
10th SSC Board, Maharashtra State Board of Secondary and Higher Secondary Education
Secured: 73.20%
2013-2019

About Me

I am Steve Sequeira, a passionate engineering student specializing in Electronics and Computer Science with Honors in Blockchain. I have developed innovative and creative solutions for both software and hardware projects. I recognize the value of teamwork by prioritizing collaboration as well as striving for collective success. The unwavering pursuit of excellence fuels me the ability to consistently deliver high-quality results. I am committed to leveraging technology to create impactful projects, demonstrated through my hands-on experience and by successfully participating in various competitions, making me a valuable asset to any project.

Work Experience

Umeed NGO Foundation | Intern (2022)

Achievements/Tasks:

- Promoted Umeed NGO Foundation by spreading awareness on their official You tube channel and Instagram handle for Marketing tasks.
- Conducted a survey with vendors to assess support from the Government of India for Social Service duties.
- Raised 2000 rupees through donations from neighbors, friends, and family. Supporting financial initiatives for the organization.

Certifications

- [TCS iON, Career Edge- Knockdown the Lockdown \(2020\)](#)

This course helped me enhance key skills such as communication, time management, and stress management. It introduced me to emerging technologies like AI, improved my problem-solving, creativity and strengthened my emotional intelligence and financial literacy.

- [Elements of AI from University of Helsinki Finland x Minna Learn \(07/2022 - 08/2022\)](#)
- [J.P. Morgan Software Engineering Virtual Experience on Forage \(01/2024\)](#)

Set up a local dev environment by downloading the necessary files, tools and dependencies. I was given the task of fixing broken files in the repository to make web application output correct. Used JPMorgan Chase's open source library called Perspective to generate a live graph that displays a data feed in a clear and visually appealing way for traders to monitor.

- [Accenture North America Data Analytics and Visualization Job Simulation on Forage](#)

Completed a simulation focused on advising a hypothetical social media client as a Data Analyst at Accenture. Cleaned, modelled and analyzed 7 datasets to uncover insights into content trends to inform strategic decisions. Prepared a PowerPoint deck and video presentation to communicate key insights for the client and internal stakeholders.

- [AWS Cloud Technical Essentials Coursera \(09/2024 - 10/2024\)](#)

The AWS Cloud Technical Essentials course introduced me to the fundamentals of cloud computing and AWS services. I gained knowledge about core services like EC2, S3, and Lambda, explored AWS's global architecture, and I learned about security features such as IAM. The course also provided hands-on experience in deploying and managing AWS resources, equipping them with practical skills for real-world applications.

Personal Projects

- [Smart Mailbox System \(11/2023-12/2023\)](#)
 - Designed and implemented the "Smart Mailbox System," integrating a fingerprint sensor and Arduino Uno microcontroller. Enhanced security measures resulted in a reduction in unauthorized access incidents for mailbox owners.
- [Academic Calendar System website for College \(12/2023-01/2024\)](#)
 - Engineered a robust web-based platform using HTML, CSS, JavaScript, PHP, and MySQL, resulting in an improvement in user satisfaction scores based on feedback from 300+ faculty members and students.
- [Indian Sign-to-text language translator \(07/2024-09/2024\)](#)
 - Capturing Non-manual features of Indian Sign Language & converting it into text.
 - Software requirements: Frontend - React.js, Bootstrap. Backend - Python, NodeJS. Database - PostgreSQL/MongoDB. ML Libraries - Tensorflow/Pytorch. Computer vision - OpenCV Real time processing - Websocket.
 - Hardware requirements: Camera, Laptop/Desktop, Networking and Connectivity: Wi-Fi router.
- [Text Summarization using NLP \(11/2024-12/2024\)](#)
 - A text summarization project using NLP where libraries imported were such as spacy, heapq, stop_WORDS to summarize text using extractive feature technique. A GUI will open to click summarize text. The algorithm used here is text rank algorithm.
- [Interfacing PIR using IR sensor for theft detection \(10/2024\)](#)
 - I created an IOT based theft detection system using Arduino Uno, IR sensor, Arduino IDE and PIR Motion Sensor.
 - For monitoring changes in infrared radiation, When motion is detected, the PIR sensor sends out a signal in the serial monitor of Arduino IDE that motion is detected.
 - Furthermore, for improved detection, an IR sensor is used in conjunction with a PIR sensor, opening up a variety of uses in security.

Language Proficiency

- English: Fluent
- Hindi: Intermediate
- Marathi: Basic to intermediate

Achievements

- [Sports: Runners up at U-17 District hockey for junior college team \(09/2019\)](#)
- NSS Volunteer at Fr. CRCE (July 2022 to June 2024) (07/2022 - 06/2024)
- Smart India Hackathon - Participation (08/2023 - 09/2023): Qualified till round 2. Developed a 360-degree feedback software for Government of India-related news stories in regional media using artificial intelligence/machine learning.
- Smart India Hackathon - Participation (08/2024-09/2024): Qualified till round 2. Developed a sign-to-text language translator website for the deaf and mute people.

Interests

- AI
- Data Science and Data Analytics
- Web Development
- Sports - Football, Hockey, Running
- Reading