Sanil Rodrigues

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 Sanil Rodrigues ⬥ Sanirod.github.io

CORE COMPETENCIES

Technical Skills:

C, C++ ⬥ Java ⬥ SQL ⬥ HTML ⬥ CSS ⬥ Bootstrap ⬥ JavaScript ⬥ Python ⬥ Machine Learning ⬥ Data Analytics ⬥ IOT

Professional Skills:

Team Dynamics ⬥ Planning and Prioritization ⬥ Goal and Milestone Mapping ⬥ Persuasive Presentations ⬥ Effective Communication ⬥ Critical thinking

EDUCATION

2018 to 2021 ⬥ Bachelor of Information Technology ⬥ CGPA: 7.45 / 10

Fr. Conceicao Rodrigues College of Engineering, Mumbai, India

2015 to 2018 ⬥ Diploma in Computer Engineering ⬥ Aggregate: 75.88%

Bhausaheb Vartak Polytechnic, Vasai, Maharashtra, India.

2014 to 2015 ⬥ Secondary School Education ⬥ Aggregate: 74 %

Carmel Convent High School, Virar, India.

ACADEMIC PROJECTS

Advance Flood Detection and Warning System (SIH-2020)

- IOT based advance Flood Detection and Warning System.
- Various IOT sensors are used to calculate possibility of flood.
- The system will notify user staying near the areas near Dams through SMS, Telegram Bot, Email, Call and push Notification.
- The project is highly Scalable and cost efficient.

Heatstroke Alert System

- An IOT system that will automatically detect the possibility of heatstroke and will alert the user through buzzer, push notification and SMS.
- Hardware Components: Arduino, LM35 sensor, DHT-11 sensor, PIZO buzzer, Raspberry pi, Esp-8266.

Contactless Attendance System

- The objective of this project is to develop face recognition attendance system to detect the face segment from the video frame.
- Extract the useful features from the face detected and classify the features in order to recognize the face detected.
- Record the attendance of the identified teacher.

INTERNSHIP

- **Web21cen solutions ⬥ Web developer ⬥ 2 months ⬥ Dec 2019 - Feb 2020**
  About:
  During the internship, I had experience with building dynamic websites. We used technologies like SQL, HTML, CSS, Bootstrap, JavaScript, etc. which helped me improve my skillset in both front-end and back-end designing.

- **Nameerror ⬥ Data Scientist ⬥ 3 months ⬥ Oct 2020 - Dec 2020**
  About:
  During the internship, I had experience with building data driven solutions. We used technologies like SQL, Python, Machine learning, etc. which helped me improve my skillset in data analytics.

CO-CURRICULAR ACTIVITIES & ACHIEVEMENTS

- National Service Scheme (NSS) – Volunteer – 2019
- Winner of the Smart Hackathon India (SIH) 2020
- Research paper published in International Journal of Advanced Science and Technology.