Sanil Paul Rodrigues

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OBJECTIVE

A graduate student at Northeastern University aspiring to gain advanced knowledge in Data Analytics to work on creating meaningful insights and making data driven decisions.

EDUCATION

Northeastern University, USA   **Jan 2022 - Present**
Master of Science in Data Analytics Engineering

Fr. Conceicao Rodrigues College of Engineering, India   **Aug 2018 - May 2021**
Bachelor of Engineering in Information Technology
CGPA: 7.82 / 10

Vidyavardhini's Bhausaheb Vartak Polytechnic, India   **Aug 2015 - May 2018**
Diploma in Computer Engineering
Aggregate: 75.88%

WORK EXPERIENCE

Vistaar Digital Communications Pvt. Ltd. [Link]   **Jun 2021 - Nov 2021**
Intern, Associate Software Engineer
- Handled the Data using SQL
- Designed Dashboards and Charts.

NameError.ai [Link]   **Oct 2020 - Dec 2021**
Intern, Data Scientist
- Making data driven solutions
- Python, SQL and Machine learning

Web21cen Solutions [Link]   **Dec 2019 - Feb 2020**
Intern, Web developer
- Building dynamic websites
- SQL, HTML, CSS, Bootstrap, Javascript

SKILLS & INTERESTS

- **Programming Language / Architecture:** Python, R, Java, MySQL, Bash(Shell scripting).
- **AWS Services:** S3, EC2, Route 53, CloudFront, RDS,DynamoDB.
- **Web Technologies:** HTML5, CSS, JavaScript, Bootstrap.
- **Frameworks:** Flask, Django.
- **Tools:** Git(GitHub), Tableau, Power BI.
- **Operating Systems:** Linux(Ubuntu), Windows.

ACADEMIC PROJECTS

Advance Flood Detection and Warning System. [Link]
- IOT based advanced Flood Detection and Warning System.
- The system will notify users staying near the areas near Dams through SMS, Telegram Bot, Email, Call and push Notification.

Contactless Attendance System. [Link]
- Developed a Contactless Attendance System.
- Implemented a blink detection mechanism to differentiate a real face from a fake one.

Heatstroke Alert System. [Link]
- 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, piezo buzzer and esp-8266 wifi module.

RESEARCH EXPERIENCE

Contactless Attendance System [Link]
- Presented the research paper in 2nd International Conference on Data Intelligence and Cognitive Informatics.
- This research aims at how attendance can be marked without making a physical contact with any biometric device.

Heat Stroke Alert Device [Link]
- Accepted as a book chapter in "International Journal of Advanced Science and Technology".
- This research focuses on how People can be alerted in advance from the danger of heat stroke.

CERTIFICATIONS & ACHIEVEMENTS
- Data Science Certification - NameError.ai
- What is Data Science? - IBM
- Tools for Data Science- IBM
- Winner of the Smart India Hackathon (SIH) 2020 which is the world's biggest open innovation model.