RACHANA NARAHARI

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EDUCATION

Ramaiah Institute of Technology *2019 - 2023*
Electronics and Telecommunication - 9.17 CGPA

Delhi Public School, Bangalore North
12th Grade - 94.4% *2018 - 2019*
10th Grade - 9.8 CGPA *2016 - 2017*

TECHNICAL SKILLS

Programming: C, C++, Python, JavaScript
Software & Tools: HTML, CSS, JavaScript, Node.js, Express.js, EJS, Bootstrap 5, MATLAB

PROJECTS

AI Assisted Tool for Analysing Stress and Productivity for Strategic Management Operations
- Combination of Emotion Detection ML Classifier and data generated from ECG and GSR sensors utilized to predict mental and physical stress
- Problem Statement Generator built to generate a random problem for the subject to solve to simulate stress levels
- Graph plotted and calculations performed using derived metrics to get the correlation between stress and productivity

Performance Improvement of NavIC Signal using Realtime Filtering Techniques
- A Research-Based project to improve the performance of the ground based receiver of the IRNSS system using Kalman Filter for better tracking and positioning of locations
- Worked alongside **Elena Geo Systems Pvt. Ltd.** to utilize their constructed antenna and receiver to get the geographical location obtained by NavIC Satellites

INTERNSHIP

Inventrom Private Limited - Bolt IoT, Bangalore *Sept 2021 - Oct 2021*
Frontend Developer
- Worked as Web Developer Intern on the project Inventrom Website
- Utilized HTML, CSS, JavaScript and Bootstrap 5 to come up with an innovative and creative solution

EXTRA CURRICULAR

Kannada Rajyotsava, Ramaiah Institute of Technology - Volunteered for the event Kannada Rajyotsava twice in 2019 and 2021. Managed the 3-day event successfully
Team Everest NGO, Chennai - Story Writing Intern for 3rd and 4th graders of rural schools in Chennai. Composed various stories and word games for the children
Deena Seva Sangha Students' Home, Bangalore - Provided the students of the orphanage with a comprehensive education that covered a range of subjects including language, math, science, and social studies
Blood Donation Camp, Ramaiah Institute of Technology - Donated blood for Lion Blood Centre through the blood donation camp conducted by National Service Scheme, RITB

AWARDS AND HONORS

Best Outstanding Student Award, Electronics and Telecommunication - Awarded a certificate and gold medal for distinguished performance in academics, co-curricular activities, extra-curricular activities and service to community during 2019-2023
Chairperson, IEEE-APS RITB Chapter - A total of 7-8 events were managed and lead in 2021-2022 including inter-college competitions and talks by distinguished guests from various Universities such as Bradley University
Head of Content Designing and 4th Year Co-Ordinator, Finance Club RITB - Designed curated content, using Canva, on various topics of finance for the Instagram page using informative posts and stories. Assisted the content designing team effectively