

Gopal Tyagi

B.E – Electronics and Instrumentation Engineering - MSRIT,
Bengaluru

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EDUCATION

Ramaiah Institute of Technology, Bengaluru

Bachelor of engineering in Electronics and Instrumentation Engineering

August 2019 - March 2023

CGPA – 7.53

Kendriya Vidyalaya IIT Kanpur, Kanpur

12th - APRIL 2017 - APRIL 2018 - 89.4%

10th - APRIL 2015 - APRIL 2016 - 10 CGPA

PROJECTS

Weather Forecast Web Application | [Github](#)

- Created a web app that shows the weather forecast of any location using location name.
- Used open source weather API to fetch the weather results.
- Tech Stack : HTML, CSS, JavaScript

Muscle fatigue evaluation using a EMG and accelerometer | [Github](#)

- Created a device for muscle fatigue evaluation.
- It counts the number of repetitions using an accelerometer.
- EMG sensor gives the value of fatigue generated in muscles.
- Novelty: Unique integrated device using both accelerometer and EMG.
- It targets the audience that does not want a trainer and for home gyms.

CODING PROFILES

- Leetcode : ([tyagigopal23](#))
Solved 200+ problems
- GeeksforGeeks : ([tyagigopal](#))
Solved 100+ problems

TECHNICAL SKILLS

- Coursework: Data Structures, OOPS fundamentals, Algorithms Analysis, DBMS, Operating Systems
- Database Management Systems: Relational Databases (SQL, MySQL),
- Frameworks and Tools: HTML/CSS, Bootstrap, Node.js
- Languages: C, C++, JavaScript

ACHIEVEMENTS

- Selected for the Top 10 teams under the national level hackathon CODEFURY 3.0 conducted by IEEE UVCE among a total of 50 teams participated.
- Solved more than 400+ problems on websites like Leetcode, GeeksForGeeks, code studio.
- Qualified for the Samsung Prism Developer Program a National level open-source event introduced by Samsung R&D Institute Of Bangalore, India.

POSITIONS OF RESPONSIBILITY

- **Organizer** at Emphyreal 2020, The annual fest of E-Cell RIT.
- **Organizer** Inter Dept Esports tournament 2020.

EXTRACURRICULARS

- Member of E-cell RIT, The Entrepreneur development cell of our college.
- Player at the chess club of our college.