

RAHUL GUPTA

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CAREER OBJECTIVE

Enthusiastic about applying my theoretical skills to solve real-world challenges, I'm motivated to step beyond my comfort zone, driving personal and professional growth through innovative problem-solving skills.

EDUCATION QUALIFICATION

- **Bachelor of Engineering – Electronics and Communication Engineering**
CMR Institute of Technology, Bangalore
7.48, 2024 (pursuing)
- **12th Grade – PCMC**
KV ASC Centre, Bangalore
85.6 %, 2020
- **10th Grade**
KV ASC Centre, Bangalore
79.8 %, 2018

TECHNICAL SKILLS

Languages: Intermediate knowledge in C/C++, Java, Python, HTML, CSS, SQLite, and MySQL.
Basic knowledge in JavaScript, Verilog, JSON.

Framework: Basic knowledge in Flask and Django.

Software: Intermediate Knowledge in Neo vim, VS Code, Sublime text, JetBrains IDEs, MATLAB, Blender

PROJECTS

• Project 1

Title: Stock Market Simulator

Description: Developed a web application that enables users to engage in buying and selling stocks, as well as check the current stock prices of companies and review their transaction history. The application utilizes the IEX API to fetch real-time stock prices and employs SQLite3 for efficient database management.

Tools Used: Python, Flask, SQLite3, HTML, CSS, Jinja.

Learning Outcome: Mastered Python, Flask, API Integration, SQLite3 for a stock trading web app, enhancing skills in development, database management and UI design.

• Project 2

Title: Patron - Lift Share Web App

Description: Developed a lift-sharing web app with flask, integrating geopy and OpenRouteService API for location-based ride requests. Implemented dynamic matching using Folium maps, connecting users seeking rides with available helpers.

Tools used: HTML, CSS, JavaScript, Python, Flask, GeoPy, OpenRouteService, Folium, Jinja templating.

Learning Outcome: Gained proficiency in full-stack development, real-time features, and user centric design through creating a ride-sharing web app.

- **Project 3**

Title: Inspired - Microsoft Add Ons.

Description: Created a daily quotes extension for Microsoft Add-ons which provides fresh quotes along with fresh images on every click you press.

Tools used: HTML, JavaScript, Bootstrap and integrated Pixels API and Quotable.io API.

Learning Outcome: Acquired proficiency in API Integration, JavaScript programming, and user interface design through the successful development of a dynamic Microsoft Add-ons extension.

CO-CURRICULAR ACTIVITIES & EXTRA-CURRICULAR ACTIVITIES

Co- Curricular Activities Seminars:

- Participated in a session titled “Higher Studies Abroad Awareness program” organized by the EE and C cell of CMRIT.

Online Courses & Certifications:

- Algorithm Specialization on Coursera.
- C Programming from QSpiders, Basavanagudi.
- CS50: Introduction to Computer Science on edX.
- CS50 SQL: Introduction to Databases with SQL on edX.
- University of Hong Kong: Blockchain and FinTech: Basics, Applications, and Limitations on edX.

Extra – Curricular Activities:

- Actively write blogs about algorithms and finance on my blogging website:findraahulgupta.tech
- Active opensource contributor on GitHub: [user-rahul](#).
- Solved more than 250 problems on LeetCode : [user_rahul](#).
- Regional level player in Basketball and Cluster level Kho-Kho player.

AWARDS & ACHIEVEMENTS

- First place winner in the IEEE event “Hustle for Hazine ” organized during Cultura 2023.
- First place winner in the event No Need for Nesting conducted by Geeks for Geeks CMRIT club.
- Second runner-up in the event Knockouts conducted by Coding ninjas CMRIT club.

PERSONAL DETAILS

Date of Birth	: 24/12/2002
Gender	: Male
Nationality	: Indian
Marital Status	: Single
Languages Known	: English, Hindi
Hobbies	: Playing video games, Amateur Astronomer and make YouTube videos.

REFERENCE

Name: Dr. Elumalai

Designation: HOD, Department of ECE, CMRIT

Email ID: hod.ece@cmrit.ac.in

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Name: Maharudresh. A.C

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