





RAHUL RAJ

B.Sc (Computer Science & Data Analytics) at IIT Patna | Software Developer

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EXPERIENCE

04/2025 - Present	●	The Basics of Google Cloud Compute	
remote		Google Cloud https://www.cloudskillsboost.google/public_profiles/1906bc60-07f2-4353-8b95-541d25923f32/badges/15341903 Skills Boost Arcade : <ul style="list-style-type: none">Complete the The Basics of Google Cloud Compute skill badge to demonstrate skills in the following: how to work with virtual machines (VMs), persistent disks, and web servers using Compute Engine.	
04/2024 - Present	●	Analyze Sentiment with Natural Language API	
Remote		Google Cloud https://www.cloudskillsboost.google/public_profiles/1906bc60-07f2-4353-8b95-541d25923f32/badges/15201384 Skills Boost Arcade : <ul style="list-style-type: none">Complete the Analyze Sentiment with Natural Language API skill badge to demonstrate skills in the following: how the API derives sentiment from text.	
04/2025 - Present	●	Monitor Environments with Google Cloud Managed Service for Prometheus	
Remote		Google Cloud https://www.cloudskillsboost.google/public_profiles/1906bc60-07f2-4353-8b95-541d25923f32/badges/15253266 Skills Boost Arcade : <ul style="list-style-type: none">Complete the introductory Monitor Environments with Google Cloud Managed Service for Prometheus skill badge to demonstrate skills in the following: Kubernetes Monitoring with Google Cloud Managed Service for Prometheus.	
02/2025 - 02/2025	●	Python Programmer Intern	
Remote		CodSoft Python programming project. <ul style="list-style-type: none">Developed a To-Do List application using Python.Created a basic Calculator for arithmetic operations.Built a Password Generator tool to create strong passwords.	

EDUCATION

08/2019 - 05/2021	●	Intermediate of Science (I.Sc)
		Bihar School Education Board
06/2025 - 07/2028	●	Bachelors of Science (B.Sc)
Bihtā, India		Indian Institute of Technology Patna

STRENGTHS

 Deep Learning Explain how it benefits your work.	 Analytical problem solver Ability to solve problems using logical and analytical skills.
 Detail-oriented Strong ability to focus on tasks and complete projects proficiently and efficiently.	 Organizational skills Capable of developing efficient workflows and multitasking effectively.
 Diverse programming expertise Skilled in programming languages like C++, Python, and HTML.	 Cloud computing proficiency Experienced in using tools like Google Cloud and Sentiment Analysis API.
 Advanced web development Developed web applications with interactive UI using JavaScript.	 Strong communication skills Capable of effective communication and leadership in technical environments.
 Technical proficiency Proficient in coding applications and troubleshooting issues quickly.	 Sentiment analysis Adept at analyzing text to derive insights efficiently.
 Effective communicator Strong communication for effective team collaborations and presentations.	 Leadership qualities Ability to lead projects and teams toward successful outcomes.

SUMMARY

Hello There..!

Rahul Raj this side and I'm a B.Sc. student (Computer Science & Data Analytics) at Indian Institute of Technology Patna. I have good communication skills and leadership qualities and problem solving skills as well. I have done such a basics internships for domain like web development, python programming, Salesforce development, cyber security, C training and C++ essential 1 just for skill enhancing purpose and build some project like portfolio building, Contact book, Quiz web application, etc. And I have expertise to do internships/work in domain like with C++, Python, HTML5, CSS3, MySQL, API, Data Structure and Algorithms.

And according to my skill set and prior knowledge I am sure that I'm fit for this role or internship.

Thank you..!

LANGUAGES

Hindi

Native

English

Working (Medium)

SKILLS

Communication Skills			Analytic Skill		Kubernets	System Monitoring		Sentiment Analysis		NLP	Web Servers	
API	DSA	C++	Python	Debugging	MySQL	HTML5	CSS3	Javascript	Compute Engine			
Computer Network Management				Virtual Machine								

PROJECTS

Stopwatch web app

11/2024 - 01/2025

Hybrid

<https://rguptaprofile.github.io/Stopwatch/>

The web features a clean and minimalistic UI powered by HTML5 for semantic structure, CSS3 for smooth styling and responsive design, and JavaScript for handling the logic of time tracking. JSON is used to store user sessions or lap times locally, ensuring that user data can be preserved across sessions without requiring a server-side database.

- (1.) Start, Stop, and Reset Functionality : -
The app allows users to start, stop, and reset the stopwatch seamlessly with the click of a button. These controls provide accurate timing down to milliseconds, making it perfect for use cases that require precision.
 - (2.) Lap Timer : -
Users can record lap times to monitor multiple time intervals during a single session. Each lap is stored and displayed in real-time for easy comparison and review.
 - (3.) Local Storage with JSON : -
Using JSON and browser local storage, the app can save lap records and session times even after the browser is refreshed or reopened, ensuring a persistent user experience.
 - (4.) Minimal and Interactive UI : -
Interactive animations and hover effects enhance the user experience without overwhelming the interface, making it intuitive and visually appealing.
- what we solved : -
In today's fast-paced world, accurate time tracking is critical across a variety of domains—be it personal productivity, sports, education, or business. The Stopwatch Web App addresses this need by offering a reliable and portable timing tool that works across all modern browsers.

PROJECTS

Quiz-App

📅 08/2024 - 10/2024 📍 Hybrid

🔗 <https://rguptaprofile.github.io/Quiz-App/>

Designed with simplicity, speed, and responsiveness in mind, this application provides a seamless user experience for learners and educators alike. It serves as a tool for testing knowledge, self-assessment, learning enhancement, and even recruitment screening in real-world settings.

- **HTML5** : - Forms the structural backbone of the application, enabling the creation of semantic layouts and elements such as buttons, inputs, and containers for displaying questions and answers.

CSS3 : - Adds visual appeal with custom styles, transitions, animations, and responsive design to ensure usability across devices like mobiles, tablets, and desktops.

JavaScript : - Powers the core functionality, including user interaction, dynamic content updates, answer validation, score tracking, and question flow.

JSON : - Acts as the data store for quiz questions, options, and correct answers. It allows easy modification and scalability of quiz content without changing the core code.

#Key Feathure :

Dynamic Question Loading

The app loads questions from a structured JSON file, allowing developers or educators to add, edit, or remove questions without altering the application logic.

Real-Time Feedback

Users receive instant feedback on their answers, which reinforces learning by identifying correct and incorrect choices immediately.

Score Tracking and Summary

A built-in scoring system tracks the user's performance and displays a final score summary at the end of the quiz, encouraging progress and competitiveness.

Responsive Design

Optimized using CSS3 for various screen sizes and resolutions, ensuring that users have a consistent experience on smartphones, tablets, and computers.

Timer Functionality

A countdown timer can be integrated to simulate real test conditions, making it ideal for exam preparation.

Lightweight & Fast

With no heavy frameworks, the app loads quickly and can run efficiently even on low-resource devices.