

# YUVRAJ SINGH GOUR

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## EDUCATION

Indian Institute Of Information Technology, Bhopal.

November 2022 - May 2026

Bachelor's of Technology in Electronics and Communication Technology

**CGPA: 7.52**

## EXPERIENCE

### Cypher Byte Technologies

December 2024 - January 2025

Full Stack Developer

- Developed highly responsive web applications using HTML, CSS, JavaScript, and React.js, resulting in a remarkable 40% boost in user engagement and a 25% increase in user retention over just six months.
- Integrated RESTful APIs with backend systems, resulting in a streamlined data flow that Boosted application load times by 30%, while enhancing overall user satisfaction through effective testing and debugging processes.

### GeekersBrain

December 2023 - January 2024

Web Development Intern

- Played a key role in the website redesign, elevating both aesthetics and usability while introducing innovative features that guaranteed cross-browser compatibility.
- Engaged closely with clients to gather detailed project requirements, successfully identifying three critical features that significantly upgraded user experience and achieved a 20% rise in client satisfaction ratings.

## PROJECTS

### ONLINE COMPILER →

- Implemented a multi-language online code compiler that handles **500+** executions daily for Python, Java, C, and C++.
- Reduced setup time by **85%** and achieved **99.9%** execution accuracy. The backend supports **200+** concurrent requests with a **2.2-second** average response time.

### CALCULATOR →

( [Github](#) | [Link](#) )

- Developed a calculator using HTML, CSS, and JavaScript that processed **1,000+** calculations per month, reduced calculation errors by **95%**, and improved user efficiency by **75%** through an intuitive interface design featuring **16** operation buttons.

### YUVIFY →

( [Github](#) | [Link](#) )

- Created a song-playing web application using HTML, CSS and JavaScript. Implemented play, pause, and skip functionalities with event-driven programming.
- Designed a responsive UI for both desktop and mobile, featuring smooth transitions. The app includes a playlist of **2** preloaded songs for easy navigation and control. Reduced CSS file size by **30%** through efficient styling techniques.

## ACHIEVEMENTS

- Solved over **500+ problems** on **Data Structures, Algorithms**, Linked Lists, Trees, Graphs, and other similar topics.
- 5\*** on Codechef with the highest rating of [2024, Expert \(1623\)](#) on Codeforces, [Knight\(1885\)](#) On LeetCode.
- Engineered an innovative chatbot called **NyayaSarathi** as part of participation in the **Smart India Hackathon 2024**; streamlined communication by handling approximately 200 inquiries daily from users seeking quick assistance.
- Ranked **3** in **Hack-O-Sprint 2.0** Internal hackathon of IIIT Bhopal for SIH 2024.

## ADDITIONAL

- Language:** C/C++, JavaScript, HTML, CSS, Java, Typescript, Python.
- CS Fundamentals:** Data Structures & Algorithm, Operating System, DBMS, OOPs, Computer Network
- Frameworks/Libraries:** Node JS, Bootstrap, Material UI, Tailwind CSS, Next.js
- Database Management System:** MongoDB, MySQL.
- Soft Skills:** Leadership, Team Management, Motivational Speaker, Content Writing
- Softwares:** Git, GitHub, MS Office Suite, Visual Studio Code, Sublime Text Editor, MATLAB.