Shiva Raghav

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EDUCATION

Indian Institute of Information Technology Bhopal, India   **November 2022 - June 2026**
Bachelor of Technology in Computer Science and Engineering   ***CGPA: 9.46*** *(upto 3rd Sem)*

Bhaktivedanta Gurukula and International School, Mathura
12th Board   **95.75%**
10th Board   **97.60%**

EXPERIENCE

Executive – Competitive Programming Team, Codame, IIIT Bhopal   **November 2023 - Present**

- **Mentored** over **300** juniors and hosted **5+ contests** to **promote** coding and logical reasoning, creating a **competitive** coding environment
- **Spearheaded 10+ coding culture initiatives** within **a 12-member team,** driving **a 300% increase** in student participation and engagement in **coding workshops and hackathons,** fostering **innovation and collaboration**

Teaching Assistant – IIIT Bhopal   **July 2023 - December 2023**

- Boosted academic success for **100+** students with tailored **lesson plans**, **interactive** study sessions, and **innovative** teaching methods, **improving** performance by 20%
- Engaged in **coursework** and implemented **5+ hands-on projects** that increased students' interest in the subject

PROJECTS

DenZen | **Link** | **GitHub**   ***Skills Acquired**- HTML, CSS, JavaScript, React JS, Material UI*

- Integrated **hooks** to enable local storage of user work, creating an **asynchronous** coding environment
- Hosted **live server** on the same page, showing output within 1 second
- Conceptualized **browser-based code editor** which supports coding in all 3 web development languages

Candy Crush Saga | **Play** | **GitHub**   ***Skills Acquired**- HTML, CSS, JavaScript*

- Innovated **interactive** web elements using 10+ **complex** JavaScript **methods**, enhancing **user satisfaction**
- **Implemented drag-and-drop** functionality for **facilitating intuitive** and engaging gameplay
- Created **algorithms** to **detect and handle** matches of **3 or 4** candies, updating game state and **user score** in **real time**

Textify | **Link** |**GitHub**   ***Skills Acquired**-HTML, CSS, JavaScript, React JS, Material UI*

- Engineered a feature enabling users **to compose and record** text based on specific requirements, **enhancing** user experience, and provided a **favicon** to improve **UI** and authenticity
- Developed with more than **10 features** like **copy, print, count** the number of words and characters, etc

Portfolio | **Link** |**GitHub**   ***Skills Acquired**-HTML, CSS, JavaScript, React JS*

- Deployed an **engaging** portfolio website featuring **5+ sections** to showcase **experiences, skills, and projects**

SKILLS & INTERESTS

Programming Languages/Concepts: C++, Java, HTML, CSS, JavaScript, MySQL, Data Structures and Algorithms (DSA), Object Oriented Programming (OOP), Database Management System (DBMS)

Frameworks/Technologies: Git, GitHub, Bootstrap, VS Code, Google Colab, Netlify, React JS, Material UI, Vercel, Node JS, MongoDB

ACHIEVEMENTS & ACTIVITIES

- Attained the status of **4-star** coder on **CodeChef** (highest rating - **1894**) and **Specialist at Codeforces** (highest rating - **1503**)
- Tackled **900+ DSA & CP questions** on various platforms like **LeetCode, CodeChef, Codeforces, Code Studio, GFG**
- Achieved **a rank 106** in Starters 114, and a **rank 140** in Starters 138 in CodeChef **Div 2**
- Secured a **global rank of 898** out of **43,000** participants in **Codeforces** round 929 div 3
- **Topped Mathura district** in CISCE Board Examinations in both 10th and 12th