RAHUL KUMAR

Panipat, Haryana

Geeta University
Sep. 2022 – Present

B. Tech(CSE)

Panipat, Haryana

S.K.R Colllege 2020 – 2022

BSEB Board Barbigha, Bihar

ST. Mary's School 2019 – 2020

CBSE Board Barbigha, Bihar

COURSEWORK / SKILLS

Data Structures & Network Security
 Algorithms
 Database Management
 OOPS Concept

• Operating Systems

• Database Management
• OOPS Concept
System (DBMS)

PROJECTS

Portfolio Website HTML, CSS JAVASCRIPT

 $July\ 2024-July\ 2024$

• Implemented smooth scrolling, animations, and transitions using JavaScript and CSS to enhance user experience and UI appeal.

- Optimized for mobile and desktop with fully responsive layout and cross-browser compatibility.
- Followed clean coding practices and semantic HTML, improving SEO and accessibility.

DSA Ai Instructor 🗷 | HTML, CSS, JAVASCRIPT

May 2025 - Jun 2025

- Uses Google Gemini (GenAI) API to deliver intelligent, conversational explanations for DSA topics.
- Includes arrays, strings, linked lists, trees, graphs, recursion, dynamic programming, and more.
- Ask doubts in simple English—get instant help like a real instructor.

INTERNSHIP EXPERIENCE

Coding Blocks — Summer Internship 🗷

June 2024 – August 2024

<u>Learner</u>

Panipat, India

Structures and Algorithms (DSA), including arrays, linked lists, trees

- Strengthened core knowledge of Data Structures and Algorithms (DSA), including arrays, linked lists, trees, graphs, sorting techniques, and dynamic programming.
- Enhanced coding efficiency and algorithmic problem-solving skills through intensive hands-on practice on platforms like LeetCode.
- Built a solid foundation for technical interviews by mastering common coding patterns and problem-solving strategies.

T.C.R Innovation Company — Summer Internship \square

June 2023 – August 2023 Panipat, India

 $\underline{Learner}$

InvaScript onsuring

- Assisted in designing and developing responsive web pages using HTML5, CSS3, and JavaScript, ensuring cross-browser compatibility and mobile responsiveness.
- Worked closely with UI/UX designers to implement modern, user-friendly interfaces and improve overall site aesthetics.
- Utilized JavaScript and DOM manipulation to add dynamic features and improve user interactions across various projects.

TECHNICAL SKILLS

Languages: Java, C, C++, JavaScript, HTML, CSS

Developer Tools/Libraries: VS Code, GSAP Animation

Technologies/Frameworks: Linux, GitHub, ReactJS, Redux, NodeJS, ExpressJS, Git,

Mongo,BootStrap,Tailwindcss

ACHIEVEMENTS

- Gained hands-on experience with the MERN stack (MongoDB, Express.js, React.js, Node.js) by building full-stack web applications featuring user authentication, CRUD operations, and RESTful APIs.
- Solved over 150+ problems on LeetCode, strengthening algorithmic thinking and mastering core concepts in data structures and problem-solving.
- Completed 140+ challenges on GeeksforGeeks, gaining hands-on experience with a wide range of coding problems including arrays, strings, stack, queue, tree.

CERTIFICATIONS

- FullStack Cursa
- Design Thinking A primer NPTEL
- Philosophy and Critical Thinking -

NPTEL

• MongoDB basics - Cursa