Sayan Chatterjee

Jaipur, India

📞 +91-9956649936 | ✉ sayanchatt2506@gmail.com | 💼 LinkedIn | ⭘ GitHub | 👤 KnowSayan

EDUCATION

The LNM Institute of Information Technology   Jaipur, India
B.Tech in Electronics & Communication Engineering (CGPA : 7.71/10.00)   *2020 - 2024*

SKILLS

Languages :	C++, C, JavaScript, HTML, CSS, SQL
Technologies :	MongoDB, Express.js, React.js, NodeJS
Tools :	Git, MySQL, MATLAB, Simulink, Photoshop
Concepts :	Data Structures & Algorithms, Operating Systems, DBMS, Computer Networks, OOPS, System Design
Soft Skills :	Adaptability, Creativity, Analytical-Thinking, Efficient Communication, Team-Player

PROJECTS

The Book Nook | *HTML, CSS, JavaScript, MongoDB, ExpressJS, ReactJs, NodeJs*   Link
- Developed a **responsive e-commerce platform** using **MERN Stack** that deals in novels, self-help books and other literature.
- Developed a streamlined user interface (UI) **utilizing React.js** optimizing user interaction and engineered robust **dynamic Node.js and Express.js APIs** to ensure seamless user browsing.
- Integrated **user authentication & authorization**, as well as used **MongoDB** for secure data storage, and **third-party payment gateways** for enhanced security.

MyAdda | *HTML, CSS, JavaScript, MongoDB, ExpressJS, ReactJs, NodeJs*
- Developed a **responsive Social Media app** using **MERN Stack**.
- The features offered include **real-time interaction, user authentication, a dynamic UI** with **Light/Dark modes** and a visually appealing UI design using **Material UI**.

Gekito | *HTML, CSS, JavaScript, HTML5 Canvas*
- Designed and developed a fun **two-player sword fighting game** using **JavaScript** which features simple game mechanics, professional sprite sheets and graphics on **HTML5 Canvas**.

WordGuesser | *HTML, CSS, JavaScript, ReactJS*
- Created a simple **WORDLE clone** using **JavaScript and ReactJS** which features simple mechanics and state management using **Context API**

EXTRA-CURRICULAR-ACTIVITIES

- **Model Reference Adaptive Control for Self Balancing Robots**
  * Key Skills : MATLAB, Simulink, PIDs, MRAC, Adaptive Control Design, Arduino
  * Worked in a team and proposed & implemented a suitable and efficient PID as well as MRAC controller design to help a two-wheeled chassis maintain its balance when any external unstability is introduced.
- Solved 600+ problems across various coding platforms with a 1600+ contest rating on LeetCode.
- Participated in various Quizzes organized by Quizzinga, LNMIIT Quiz Club both as a participant as well as a Quiz Host.
- Judged the event, 'Gully War', a rap and beatboxing event in the college fest 'Vivacity' for two consecutive years.
- Hobbies: Photography, Reading, Origami, Music, Gaming, Beatboxing.

Leadership

- Led a team of the Media & Coverage Crew during the college fest 'Vivacity' ,consisting of Photographers and Cinematographers for coverage of concerts of various artists like Amit Trivedi, Darshan Raval, Dream Note, LO/ST Stories, Mohammed Irfan etc.