

Sheetal

LinkedIn Github LeetCode codechef

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EDUCATION

- **Bhagwant Institute of Technology Muzaffarnagar, (AKTU)** Delhi-NCR, India
Bachelor of Technology - Electrical Electronics; Percentage: 74.6% Aug 2017 - July 2020
- **Ghandhi Polytechnic Muzaffarnagar (BTEUP)** Muzaffarnagar, Uttar Pradesh
Polytechnic-Electrical; Percentage: 71.2% April 2014 - May 2017

SKILLS SUMMARY

- **Languages:** C++, C, HTML, CSS, JavaScript, ReactJS, SQL.
- **Miscellaneous:** OOPS, Operating System, MySQL, MongoDB, ExpressJS, Node.js, GitHub

PROJECTS

- **E-commerce web:** *E-Commerce Application using Express, Node.js, and MongoDB Overview This is an E-Commerce application built using the Express.js framework for Node.js, following the MVC (Model-View-Controller) architecture. Created a user management system with CRUD APIs where a person can add, update, read And delete the user information and features user authentication allow users to register, login and logout.
- **Swiggy Clone:** **Link** ● Developed a **React.js** project utilizing **useState** and **useEffect** hooks to dynamically fetch and display Swiggy restaurant details. Implemented search functionality for filtering by name and a 'Top Rated Restaurants' feature to enhance user experience. Demonstrated strong skills in React.js, API integration, and user interface development.
- **Netflix-GPT:** **Link** Using ReactJs, Tailwind CSS, TMDB API, Firebase, Implemented user authentication with features like login, signup, and Integrated Google Sign-In for user convenience. Build a React app that interfaces with the TMDB API to fetch and display movie details and styled with Tailwind CSS.
- **Youtube Clone:** **Link** Developed using React js, Redux, Tailwind css, react router dom, and You APIs, brotube is more than just a clone—it's a dynamic, highly scalable, and industry-level application, This project is built on live Youtube and Google API and includes some advanced features such as:

Dynamic Real-time Content: Leveraged the YouTube API to ensure users are immersed in the latest video content, keeping the experience always fresh.

Optimized Performance with Memoization: Implemented advanced memoization techniques, reducing unnecessary API calls and boosting application responsiveness.

Efficient Advanced Search: Developed an advanced search feature with autocomplete, debouncing, memoization, and caching, ensuring a swift and efficient search experience.

Engaging Video Interaction: Enhanced user engagement with comments and live chat functionality within the immersive video playback experience.

EXPERIENCE

- **A Paul Software Systems Pvt Ltd** Fridabad, Haryana
Hardware testing Engineer Oct 2021 - Dec 2022
- **Job Profile:** Analysis and Testing of electronic circuits and components. Conducted functional testing of electromechanical control systems, resulting in identification and mitigation of defects. Collaborated with cross-functional teams to troubleshoot and resolve issues. Optimized test processes APSSPL product LHB Microcontroller unit, Emergency light unit, PROJECT'S-Emergency TalkBack system for Central Railways. NON AC With CCTV camera for BHEL. ACEMU without CCTV camera for BHEL, CG18001 (Smart Coach with CCTV) for MCF, RCF, CG 18001 without CCTV for ICF, Utilized strong problem-solving skills to diagnose and rectify faults in RS485, RS232 and intercom Communication. Created and maintained comprehensive test records, ensuring compliance with QA reporting procedures.
- **Glow Green Energy Pvt Ltd** Sahibabad, UP
Quality Engineer Oct 2020 - Sep 2021
- **Job Profile:** Daily Routine Test, Testing of Incoming Raw Material, Quality check in process Final inspection. Leading process optimization, root cause analysis and driving scientific and engineering principles into a rapidly changing industrial manufacturing facility. Develops working knowledge of all process areas including process flow, operator responsibility, major quality attributes and areas for improvement. Responsible for diagnosing issues found during the manufacturing process and driving corrective action back to the source through controlled problem-solving discipline. Performs process capability assessment for new/existing equipment and as part of process change management. All reports related to Quality check as per Quality manual.

ACHIEVEMENTS

- Solved **500+ DSA(Data Structures and Algorithm)** problems on coding platforms - Leetcode, Hackerrank, CodeChef, 2023
- Secured **1th Position** in electrical Engineering Department among 15 students. (Percentage: 74.66%), 2020