



RAJAN PANDEY

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Education

Rajkiya Engineering College Sonbhadra
B.Tech in Electrical Engineering

Batch: 2024
CGPA: 8.03

Projects

Voice Recognition WebApp | *React.js* , *SpeechRecognition Hook* , *NPM Packages*

- **GitHub Link:** <https://github.com/RajanPandey1311/VoiceRecognition>
- Designed and developed a fully **Responsive** Voice Recognition web application utilizing **React.js**
- Incorporated Node packages such as **react-speech-recognition** and **SpeechRecognition Hook** for accurate speech recognition , enabling users to convert speech to text seamlessly for easy sharing which reduces human effort by **30%**.

Weather App - ClimaCheck | *React.js* , *HTML* , *API* , *GeoLocation*

- **GitHub Link:** <https://github.com/RajanPandey1311/ClimaCheck>
- Developed a weather webapp using **React** to display current weather conditions **Globally** using **Open Weather API** to fetch real-time weather data.
- Implemented **GeoLocation** to automatically identify users' current location via GPS or IP address. hence increased accuracy and efficiency by **20 %**

E-Commerce App - WanderWish | *React.js* , *React Hooks* , *JSX* , *Git* , *GitHub*

- **GitHub Link:** https://github.com/RajanPandey1311/Ecommerce_WebApp
- Designed a cutting-edge **E-Commerce** web application using **React.js**, featuring product categorization, a secure "Login page", and an intuitive "Add to Cart" functionality.
- Utilized a variety of hooks, such as **useContext** for global state management, **useState** for dynamic component rendering, and **Props** for seamless data transfer between parent and child components.
- Implemented user-friendly navigation and search functions, resulting in a **40%** acceleration of searching and filtering processes.

Personal Portfolio | *React.js* , *CSS* , *GitHub*

- **GitHub Link:** https://github.com/RajanPandey1311/Rajan_Port_Folio
- Developed a fully **Responsive** and dynamic React-based portfolio website featuring distinct sections—home, about, experience , social media handle and resume.
- Showcased skills, projects, and professional journey in an engaging and user-friendly format.

Technical Skills

Languages: C++ , JavaScript

Web Technologies: HTML ,CSS

Developer Tools: VS Code ,Git , GitHub

Libraries/Frameworks: React.js, Node.js, Tailwind CSS, Bootstrap

Technical Concepts: Data Structure and Algorithm, Object-Oriented Programming

Area Of Interest: FullStack Development, Software Development

Experience

Web Development Intern

CodeClause

May 2023 – June 2023

- Designed and developed clean and modern websites as Parallax , Guessing Game using **HTML**, **CSS** and **JavaScript**
- Improved **website performance** through optimization techniques and increased efficiency by **40%**

Software Development Intern

Prodigy InfoTech

Aug 2023 – Sept 2023

- Acquired practical experience on the project such as **Contact Management System** and **Sudoku Solver**.
- Employed **Backtracking** algorithm and **OOP's** concept to accomplish these projects and reduced manual data entry by **50 %** and improving team productivity by **25 %**

Achievements/Certification

- Secured 1st Rank in College in Society of Exploration and Innovation in Electronics.
- IBM Certified Front-End Developer
- Udemy Certified: C++ Programmer
- Certificate of Participation in Codekaze by Coding Ninjas
- Certificate of Participation in Xiaomi Ode2Code 3.0