

ARYAN PANCHAL

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EDUCATION

Indian Institute of Information Technology Bhagalpur

Bachelor of Technology in Computer Science

Dec 2021 – May 2025

CGPA:7.12 (absolute)

Rose Land Public School

Class 12th

April 2019 – March 2020

Percentage:89.6%

RELEVANT COURSEWORK

- Data Structures and Algorithms
- Object Oriented Programming
- Software Engineering
- Database Management System
- Operating System
- Computer Networks

TECHNICAL SKILLS

Languages: C++, JavaScript, C
Frontend: HTML, CSS, ReactJS, Redux, TailwindCSS
Backend: NodeJS, ExpressJS, Rest APIs
Cloud/Databases: MongoDB, MySQL, Cloudinary
Developer Tools: VSCode, Git, GitHub, SublimeText, Postman, Insomnia
Soft Skills: Leadership, Team Management, Public Speaking

PROJECTS

TweetNest – [🌐](#) [🔗](#) | ReactJS, NodeJS, ExpressJS, MongoDB, React Query June 2024

- Engineered a fully functional social media app with robust login/logout capabilities, enhancing user experience and ensuring **smooth** navigation that mirrors established platforms while **increasing** user engagement by **30%** in the first month.
- Implemented core social media functionalities including posting tweets, commenting, liking, and following users.
- Integrated backend systems to manage user accounts, content delivery, and **authentication** processes, ensuring **seamless** communication between the front and back ends.
- Engineered a **robust** system framework with keeping **scalability** in mind, allowing for the addition of three major functionalities within six months based on evolving user feedback and market **trends**.

FlixWorld – [🌐](#) [🔗](#) | ReactJS, NodeJS, ExpressJS, MongoDB, TailwindCSS October 2023

- Developed a fully functional movie streaming platform, featuring **secure** login and logout functionality, delivering a **seamless** user experience comparable to the original streaming service
- Implemented secure user **authentication** mechanisms to ensure data privacy and user access control, enhancing the platform's **reliability** and **security**.
- Integrated backend systems to manage user accounts, content delivery, and authentication processes, ensuring seamless communication between the front and back ends.
- Architected the project with scalability in mind, allowing for future expansion and **integration** of additional features or services to meet evolving user demands.

FocusList – [🌐](#) [🔗](#) | ReactJS, TailwindCSS December 2022

- Developed a **responsive** to-do list application using ReactJS and Vite, enabling **smooth** user interactions across 5 different devices while **optimizing** load times to under **2 seconds** for enhanced usability.
- Effectively managed dynamic content and user interactions using React's **state management** features.
- Integrated local storage for persistent to-do list data across sessions, enhancing user experience.

ACHIEVEMENTS

- Solved more than **600 problems** on **LeetCode** with a **highest rating of 1880** under the handle **nikolas12**
- Became **3 star** on **CodeChef** with a **highest rating of 1652** under the handle **nikolas12**
- **Specialist** on **Codeforces** with a **highest rating of 1490** under the handle **nikolas26**
- Successfully contributed to **open-source** projects, including **HacktoberFest 2022** and year-round repositories for open-source development
- Achieved a **Global rank 6** in Starters 117 and a **Global rank 38** in December Long 2022 on CodeChef.
- Solved over than **300 problems** on **CodeChef**
- Selected in top **10 among 40 teams** in **Smart India Hackathon 2023**
- Achieved the **Knight** badge on **LeetCode**

Extracurricular Activities

- **Member of Music Club:** Actively participated in **organizing** and performing at various college events, contributing to team **collaborations** and enhancing my **creative** and **leadership** skills through it.