Utsav Mani Tiwari

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EDUCATION

NIT TIRUCHIRAPPALLI
B.Tech in Production Engineering
Dec 2020 - May 2024
CGPA: 7.96 out of 10

ADITYA BIRLA PUBLIC SCHOOL
Grad: June 2019 | Renukoot
CBSE 12 Percentage: 94.8

ADITYA BIRLA PUBLIC SCHOOL
Grad: June 2017 | Renukoot
CBSE 10 CGPA: 10

LINKS

Github:// **Utsav1000**
Codechef:// **Utsav100**
Leetcode:// **Utsav10**

COURSEWORK

Data Structures And Algorithms
Database Management System
Operating Systems

SKILLS

PROGRAMMING LANGUAGES
• C++ • JavaScript • Python

TOOLS
• Git • GitHub • Postman
• Visual Studio

LIBRARIES AND FRAMEWORKS
• NodeJS • ExpressJS • ReactJS
• Material UI •WebSocket
• HTML • CSS • Bootstrap

DATABASES
• MongoDB

ACHIEVEMENTS
•1724 Codechef Highest Rating
•1740+ Rating (Leetcode)
•Open Source contribution recognized in Hacktoberfest

EXPERIENCE

GIRLSCRIPT SUMMER OF CODE | Mern Stack Developer
May 2023 - Aug 2023
- C++ Contributor, Algosbook: An Open-source notebook that contains all the famous Data Structures and Algorithms questions solved in multiple programming languages.
- Contributed to a Web application, MovieVortex: prepared using **React.JS** Material UI, API that allows users to search for movies, and TV shows by title, genre, or actor.

ECELL, NIT TRICHY | Web Developer
Aug 2021 - May 2022
- Focused on developing, deploying, maintaining, and scaling an on-demand web application for various college activities where students all over India register and participate in guest lectures, workshops, etc.

GOOGLE DEVELOPER STUDENT CLUB | Tech Team
Sept 2021 – Mar 2022
- Worked with the team to organize **technical workshops** and **Google-sponsored programs** with the aim to improve **coding culture** amongst **4000+ students** in the campus.

PROJECTS

CODESYNC Oct 2023 – Dec 2023
Technologies used: ReactJS,Nodejs,MUI, WebSocket
- Designed And Developed intuitive UI with robust **State management** and improving the existing UI using **React**, **ReactHooks** and **MaterialUI**, resulting in a **10 percent** increase in user engagement.
- Implemented and tested an intensive live code collaboration feature, enabling multiple users to code together in real-time and supporting up to **100** simultaneous users.

POLL BOOTH APPLICATION July 2023 – Aug 2023
Technologies used:HTML, CSS, JavaScript,Node.js, MongoDB, EJS
- This project is a web application designed to facilitate polling among a team consisting of 100 or more members. It allows users to **create teams, invite members, and create polls** with multiple text options.
- The **dashboard** efficiently manages and displays polls chronologically, ensuring smooth navigation and accessibility.
- The site features robust **user authentication and authorization** mechanisms, complemented by a responsive and intuitive UI.

CHROMATILES Mar 2022 – June 2022
Technologies used: HTML, CSS, Javascript
- Designed the game logic and user interface, resulting in a **30 percent** increase in user engagement over similar puzzle games.
- Implemented tile-swapping functionality, enabling players to make up to **20 moves** per minute on average.