Abhishek Rathod

Final Year Undergraduate | Electronics & Telecommunication

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EDUCATION

Bachelor's of Engineering | Electronics & Telecommunication   2021-Present
International Institute of Information Technology, Pune   *Current GPA: 7.8/10.0*
XII Science | Maharashtra State Board   2020
S.M.P. Jr college   *71%*

COURSEWORK

Courses: Object-Oriented Programming, Data Structures & Algorithms, Computer Networks, Database Management System, Cloud Coumputing

SKILLS

Languages: C++, Python, JavaScript, HTML5 ,CSS3,

Libraries/Frameworks: ReactJS, Redux

Tools: Git/GitHub, VS Code, MySQL, MS Office Suite

EXPERIENCE

Tripfox Travellers | *Frontend Developer Intern*   Feb 2024 – Present

- Developing user interface components for core functionalities: Search & Availability, Booking & Payment, PNR Enquiry & Ticket Management, and Train Information & Alerts.
- Integrating railway APIs to fetch real-time train data and display schedules, fares, and seat availability.

PROJECTS

ToDoApp | *React, BootStrap, Git, JavaScript, VS Code*   May 2023 – Present
- Developed a feature-rich To-Do application using **ReactJS, CSS, HTML, JavaScript, and Bootstrap.**
- Implemented task management functionalities such as adding, deleting, and editing tasks.
- Utilized **ReactJS state management** for efficient data handling and rendering.
- Designed an intuitive user interface with **Bootstrap** for enhanced user experience.
- Successfully deployed at todoapp-abhishek.netlify.app/

Calculator | *React, HTML, CSS, JavaScript*   Aug 2022
- Engineered a versatile calculator application using **ReactJS, CSS, HTML, JavaScript, and Bootstrap.**
- Implemented arithmetic operations including addition, subtraction, multiplication, and division.
- Employed **Bootstrap** components for a polished and modern user interface.

Portfolio Website | *HTML, CSS, Javascript, Netlify, Git, VS Code*   Sept 2023
- My personal website, meticulously crafted with **HTML, CSS , and JavaScript,** showcases my education, experience, and projects. Successfully deployed at abhishekrathod.netlify.app
- Optimized website performance and accessibility through clean code and responsive design techniques.
- Learned how to make a website using **HTML, CSS & Javascript**

Automation in Vertical Farming | *Embedded System, Arduino, Microcontroller, Sensors, Arduino IDE* Jan- May 2023
- This project aimed to develop an automated system for vertical farming, utilizing **Arduino Uno microcontroller, ESP8266** and various **sensors** to enhance efficiency and productivity in indoor agricultural environments.
- The project focused on implementing automation technologies, including the integration of **Arduino Uno, DHT11 sensor** for environmental monitoring, and a **light intensity sensor** for precise control of growth conditions in vertical farming.