

SHUDHANSHU RANJAN

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EDUCATION

Noida Institute of Engineering and Technology, India

Bachelors of Technology – Electronics and Communication Engineering

July 2020 - May 2024

GPA: 7.93/10.0

EXPERIENCE

CompanyBench

ReactJs Developer / Freelancer

Aug 2023 – Present

Remote

- Worked on developing **UI Architecture** along with creating reusable components and making responsive pages with cross compatibility.
- Utilised technologies such as **Typescript, Scss, Axios, React, ExpressJs, MaterialUI, Bootstrap**.
- Integrated API from backends and utilised **hooks** and forms in the webpages.

June 2023 - Aug. 2023

Remote

Celebal Technologies / Link

ReactJs Intern

- Developed reusable UI components and utilized **react-router** for navigation among components. Dependencies used are **axios, bootstrap, socketJs**.
- Developed proficiency working with a **large filesystem**.
- Acquired experience with **Javascript, Github, Bootstrap, Sass, and React**.

March 2022 - April 2022

Patna, India

Vsun Pharma, India | Link

Web Developer

- Developed frontend and backend from scratch using vanilla **Javascript**, **three.min.js**, **ExpressJs**, Rest API and deployed using Google **Firebase**.

PROJECTS

Contact Manager App

May 2023

- Developed backend using **ExpressJs** framework based on **NodeJs** and REST API with express router.
- Used **MongoDB** NoSQL Database for storage and implemented **User Authentication**.

BikeBros | Link

July 2022

- Bike renting website developed using **React, JavaScript** and deployed on **Google Firebase**, offering a user-friendly interface for seamless bike reservations.

Guessr | Link

Feb 2022

- Guessr is a gaming website developed using **JavaScript** and deployed on Google Firebase, where users can test their geographical knowledge by analysing **360-degree images** and guessing the location.
- Tech Stack: Javascript, HTML, **Firebase**, Mapbox, **Git**.

Other Notable Projects

- **Plagiarism Checker**: Developed an app using Google Vision and Sklearn for identifying Plagiarism in Examination.
- **Smart Radar System**: Used Arduino and Raspberry Pi for modern radar system using Ultrasonic sensor.
- **Portfolio Website | Link** : Developed modern 3d website using ThreeJs and NextJs.

ACHIEVEMENTS

- **Smart India Hackathon 2022**: Shortlisted amongst **Top 10** teams all over Institute with project on **Blockchain**
- **Leetcode**: Solved **380 Problem** on LeetCode with Active Streak of **200+ days**.
- **Competitive Programming**: **Ranked 2** in Institue level coding contest, **Global Rank 82** in Codechef Starter 15.
- **Hackathons**: **Rank 2** in Inter-college level hackathon participated by **50+ teams**.
- **Academics**: Branch **Rank 2** in First year of B. Tech among 120+ candidate.
- **NPTEL**: Rank **1** among 120+ candidate in Emotional Intelligence and Critical Thinking course by **IIT Kharagpur**.

TECHNICAL SKILLS

Web Technologies: HTML, CSS, Javascript, React, NodeJs, Firebase, REST API

Programming languages: C++, C, Python, Java

Miscellaneous: MySQL, Git, Shell

RELEVANT COURSEWORK AND CERTIFICATIONS

Computer Science: Data Structures and Algorithms, Databases, Operating Systems, OOPS

Certifications: Coursera certificate in AI, 5G, Machine Learning, Data Structure, Digital Image and Video Processing

LEADERSHIP

Branch Representative, Data Structure and Algorithm Society:

2021 - Present

Lead as the batch representative of over 100 students in ECE Department and organised departmental activities.

Manager of Events and Member, Debating Society:

2021 - Present

Represented Branch for 10+ debate tournaments across State and organised debating workshops for colleagues.