Harsh Yadav

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EDUCATION

University of Petroleum and Energy Studies, B.Tech   Aug 2022 – Present
CGPA 7.63   *Dehradun, IN*

S.T. Dominic's Academy, Senior Secondary   May 2020 – May 2021
Percentage: 91%   *Firozabad, IN*

S.T. Dominic's Academy, Higher Secondary   May 2018 – May 2019
Percentage: 89.8%   *Firozabad, IN*

CORE COMPETENCIES

- **Technical Skills:** Java, JavaScript, MongoDB, ExpressJS, ReactJS, NodeJS, SQL, Git, GitHub
- **Soft Skills:** Communication, Problem-Solving, Adaptability, Teamwork, Leadership

INTERNSHIP

Social Intern   June 2023 - July 2023
Apni Duniya Foundation   *Firozabad, Uttar Pradesh*

- Led workshops for 50+ students, creating an inclusive and engaging learning environment.
- Collaborated with 5 interns to develop structured lesson plans with defined educational goals.

PROJECTS

Algorithms Visualizer

ReactJS , JavaScript

[View Code](#) | [Live Demo](#)

- Engineered an algorithm visualizer simulating 5+ OS algorithms (FCFS, SJF, Priority, Round Robin, Banker's Algorithm), improving system accuracy by 20%.
- Built a tool enabling algorithm comparison for over 200 students, boosting understanding through live simulations.
- Designed a responsive, user-friendly interface with dynamic updates, achieving over 300 active users.

Learning Hub - Course Selling Web App

MongoDB , ExpressJS , ReactJS , NodeJS

[View Code](#) | [Live Demo](#)

- Built a full-stack MERN course selling platform with secure user/admin authentication and seamless course management.
- Implemented a robust backend using MongoDB and REST APIs with JWT-based auth for secure access control.
- Created a dynamic frontend using React and MUI, with dashboards for course creation, enrollment, and management.

CERTIFICATIONS

- **Full-Stack Development (Certificate of Completion)**   Udemy, Nov 2024
  Mastered HTML, CSS, JavaScript, Node.js, React.js, SQL, and MongoDB for dynamic web apps.
  [View Certificate](#)

- **National Level Hackathon (Certificate of Participation)**   Sheryians Coding School, Sept 2024
  Participated in web development hackathon; gained experience in collaborative coding and rapid prototyping.
  [View Certificate](#)