

Rohit Tiwari

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Profile Summary

Enthusiastic beginner in **Web Development** and **Data Analysis** with knowledge of **HTML, CSS, JavaScript, React, Tailwind CSS, Bootstrap, Python, and SQL**. Strong **problem-solving skills** and a quick learner with effective communication and teamwork abilities.

Education

GraphicEraHillUniversity,Bhimtal <i>B.TechinComputerScienceandEngineering</i>	(August 2022 – July 2026)
D.M.A School,Haldwani <i>Intermediate</i>	(June 2021 – June 2022)
D.S.S.S School, Ramanagar <i>Matriculation</i>	(June 2019 – June 2020)

Projects

- Personal Portfolio Website – HTML5, CSS3, JavaScript ES6+** [\(Link\)](#)
- Developed a responsive and visually appealing portfolio website using **HTML5, CSS3, JavaScript ES6+**.
 - Showcased technical skills, projects, and achievements through a user-friendly interface.
 - Implemented interactive features like – project galleries and hover effects to enhance engagement..
- Car Price Prediction Web App–Python, Pandas, NumPy, Scikit-learn, Flask, Bootstrap, JavaScript, AJAX** [\(Link\)](#)
- Performed **data cleaning, preprocessing, and exploratory analysis** on used car dataset using **Pandas & NumPy**.
 - Built and trained a **Linear Regression model** with **Scikit-learn** for price
 - Deployed the model using **Flask** with **Bootstrap & Jinja2 templates** for a responsive interface.
 - Integrated **JavaScript + AJAX** for instant predictions without page reload.
- Real-time Online IDE – React.js, tailwind css, Socket.IO, CodeMirror, and Express.js.** [\(Link\)](#)
- Built a real-time collaborative code editor using **React.js, Socket.IO, CodeMirror**, and **Express.js**.
 - Implemented **live code sharing and synchronization across multiple users** for **seamless collaboration**.
 - Applied **full-stack development skills** with focus on **WebSocket** communication and real-time data handling.
 - Utilized **GitHub** for version control and project management.

Technical Skills

Frontend: HTML, CSS, JavaScript, React.js, Tailwind CSS, Bootstrap, CodeMirror, Figma.

Backend: Flask, Express.js, Socket.IO.

Programming & Data: Python, C++, SQL, Pandas, NumPy, Scikit-learn.

Tools & IDEs: Git, GitHub, VS Code, PyCharm , Jupyter Notebook.

Other Skills: Problem-Solving, Team Collaboration, Communication.

Certifications

- Python3:** NPTEL [\(Link\)](#)
- HTML5, CSS3, JavaScript, React.js, C++:** Data Flair [\(Link\)](#)
- Bootstrap, AI Engineer:** Udemy [\(Link\)](#)

Leadership & Extracurricular Activities

Co-founder & Vice President – Robotics Club

- Co-founded the Robotics Club to promote **innovation, technology, and hands-on learning** on campus.
- Organized and conducted multiple **seminars, workshops, and technical sessions** for students.
- Collaborated with faculty and peers to expand the club's reach and increase student engagement.