PRASAD KUMAR SAHOO

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OBJECTIVE

To contribute to a dynamic organization using my technical and interpersonal skills while continuously enhancing my knowledge and fostering professional growth. Seeking opportunities in web development.

EDUCATION QUALIFICATIONS

- Completed B-Tech in Electronics and Communication Engineering from Gandhi Institute for Technology affiliated to Biju Pattanaik University of Technology in the Academic year 2025 with an Average CGPA of 7.63.

- Completed Intermediate from Alfa Best College of Science and Technology (CHSE), Kendrapada in the Academic year 2021 with 59.16%.

- Completed Matriculation from Kusunpur High School (HSE), kusunpur in the academic year 2019 with 54.16%.

KEY SKILLS

- MS Office (Excel, Word, PowerPoint)
- Front-End: HTML5, CSS, Tailwind, Bootstrap (Framework), JavaScript, ReactJS
- Back-End: Node.js, Express.js
- Database: MongoDB

INTERNSHIPS AND CERTIFICATIONS

1. CERTIFICATION COURSE ON FULL STACK WEB DEVELOPMENT | UDEMY

- Covered Full MERN stack development Including user authentication, CRUD operations, API/RESTful API integrations and Responsive design.
- Acquired hands-on experiences in building web applications with the help of the Technologies like :
  - Frontend: HTML, CSS, JavaScript, ReactJS
  - Backend: Node.js, Express.js
  - Database: MongoDB

2. INTERNSHIP ON ADVANCE TELECOM | BSNL

- Acquired practical knowledge on the network and Telecommunication Industry and a Brief explain of:
  - Mobile Communication (GSM, 3G, 4G, LTE)
  - Broadband Technologies (DSL, FTTH)
  - Switching & Transmission Systems
  - Optical Fiber Communication (OFC)
  - Network Infrastructure & Maintenance

PROJECTS

1. REAL TIME WEATHER DATA APP | HTML, CSS, JAVASCRIPT

- Built a responsive weather application that displays real-time weather data based on city input
- Embedded OpenWeatherMap API to fetch and display temperature, humidity, wind speed, and weather icons
- Styled using CSS Flexbox for responsive layout across devices

2. NETFLIX HOME PAGE CLONE | HTML, CSS

- Designed a pixel-perfect replica of the Netflix landing page, replicating its layout, styling, and responsiveness
- Implemented hero banner, movie rows, navigation bar, and hover effects using modern CSS
- Added dynamic sections like trending movies or categories using static JSON & API integration

3. BIKE RENTAL APP | REACTJS, JSX, CSS, MOTION

- Deployed a bike rental application allowing users to browse, view, and book bikes online
- Created reusable components for bike cards, booking form and navigation using React JSX
- Applied state management with useState, useEffect
- Integrated LocalStorage for storing supplier added bike data
- Built a supplier login panel to upload bike name, price, and image

4. IOT BASED ACCIDENT ALERT LOCATION TRACKING SYSTEM | MICROCONTROLLER, ARDUINO C

- Executed a real-time system to detect vehicle accidents and send alerts with GPS location and media files to emergency contacts
- Used MPU6050 sensor to detect sudden changes in motion and trigger the alert
- Acquired live GPS coordinates using NEO-6M GPS module
- Captured accident images using ESP32-CAM and recorded 10 seconds of audio via MAX4466 microphone
- Sent emergency alerts via SMS and call using SIM800L, including Google Maps location and Google Drive links to image/audio

STRENGTHS

- Versatile
- Committed and diligent
- Hardworking

PERSONAL INFORMATION

Father's Name   : Prasanna Kumar Sahoo

Mother's Name   : Pratima Sahoo

Nationality   : Indian

Marital status   : Unmarried

DOB   : 10.02.2004

Gender   : Male

Languages known : English, Hindi , Odia