SUTAPA SUSOVITA BHUYAN

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Profile Summary

Final-year Information Technology student with a passion for designing and developing software solutions. Proficient in HTML/CSS, Java, C, and JavaScript, with solid knowledge of Object-Oriented Programming principles. Experienced in applying Machine Learning and Deep Learning techniques through academic projects and self-learning. Eager to contribute to a dynamic development team as a Software Developer and gain hands-on experience in real-world software solutions. Known for quick learning, problem-solving skills, and a collaborative mindset.

Skills

- Java
- Object Oriented Programming
- SQL
- DBMS
- HTML/CSS
- JavaScript
- Machine Learning

Education

Year of Passing	Degree	Institute/College	Board	CGPA/Percentage
2026	B. Tech [Information Technology]	Odisha University Of Technology and Research, Bhubaneswar	University	9.27 CGPA
2022	12th	Deepika English Medium School, Rourkela	CBSE	95%
2020	10th	Deepika English Medium School, Rourkela	CBSE	97.6%

Projects

1. **Landing Page of Food Website -** *Link*
   - Developed a fully responsive multi-page food website using HTML and CSS, including Home, Services, and Contact pages.
   - Implemented a user-friendly bulk order form and contact form with responsive design for mobile and tablet users.

2. **Portfolio-** *Link*
   - Built the portfolio using HTML, CSS, and JavaScript, incorporating responsive design principles for mobile compatibility.
   - Organized sections like About, Projects, Skills, and Contact. Integrated downloadable resume functionality and navigation with a burger menu for smaller screens.

3. **Password Generator -** *Link*
   - Developed a JavaScript-based password generator with adjustable criteria (length, characters).
   - Integrated logic to avoid common patterns and improve entropy of generated passwords.

4. **Weather App -** *Link*
   - Built the backend using Node.js and Express, creating REST API endpoints for weather, forecast, and AQI data.
   - Used Axios for making API requests and implemented .env files to securely manage API keys.
   - Developed the frontend using HTML, CSS, and vanilla JavaScript, fetching data from my backend endpoints and dynamically updating the UI.
   - Added geolocation functionality and city search features.
   - Deployed the app on Render, using a private GitHub repository for version control.

- Optimized performance by combining multiple API calls into a single endpoint and added in-memory caching to reduce API latency.

5. **Fake News Detection** - *CNN(Deep Learning)*

- Built and trained a Convolutional Neural Network (CNN) model using Python and Keras to classify social media news posts from platforms like Instagram and Twitter.

- Collected and preprocessed a dataset of over 10,000 labeled news articles for training and evaluation.

- Employed techniques like tokenization, padding, and word embeddings for NLP preprocessing.

6. **Nutrition Agent** - *Link*

- Recognized the need for a personalized, AI-driven dietary recommendation system for Indian vegetarians leveraging large language models.

- Build and deploy a virtual assistant that delivers health-focused nutrition advice using IBM Watsonx and the granite-3-3-8b-instruct model.

Certifications

- Cloud Computing - NPTEL
- Introduction to Artificial Intelligence - IBM