

Shivika Agarwal

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EDUCATION

Kalinga Institute Of Information Technology, Bhubaneshwar	CGPA 8.9
• <i>Bachelor of Technology in Computer Science Engineering (Sep 2022 – Present)</i>	
St. Norbert School	92.8%
• <i>Higher Secondary Education (2021)</i>	
St. Norbert School	94.6%
• <i>High School Education (2019)</i>	

KEY PROJECTS

Skinalyze: AI-Powered Skin Type Detection Skincare Advisor

- Developed a deep learning-based skin type detection and skincare recommendation system.
- Trained on a 3,200-image dataset, achieving 93% accuracy in classifying skin types (Oily, Dry, Combination, Sensitive).
- Integrated an AI-driven recommendation engine that suggests dermatologist-approved skincare routines based on detected skin type.
- **Tools Used:** Python, TensorFlow/Keras (CNN), Flask, MongoDB, REST APIs, Image Processing, Machine Learning.

Fake News Detector (In progress)

- Developed a web-based Fake News Detection system with 85% accuracy, classifying news articles as real or fake.
- Designed a Spring Boot API (Java) handling 100+ requests/sec, processing text and integrating a pre-trained ML model (Hugging Face/Flask API) for classification.
- Leveraged NLP models to analyze and classify news based on linguistic patterns, reducing false positives by 30%.
- **Tools:** React.js, Java (Spring Boot), REST APIs, MongoDB, API Integration, Flask, NLP, Machine Learning, Deployment (Vercel)

DineEase

- Created DineEase, a web-based food management system inspired by Swiggy's user-friendly interface
- Integrated restaurant APIs to display individual restaurant details, menus, ratings, and contact information.
- Tools: HTML, CSS, JavaScript, and React

Interior Design Website

- Developed a modern, visually appealing website for an interior design business
- Designed a responsive layout to ensure a seamless experience across devices, emphasizing high-quality visuals and user-friendly navigation.
- Tools: HTML, CSS, JavaScript, and React

Technical Skills

Languages: Java, C++, SQL, C, HTML, CSS, JavaScript

Frameworks: React, GSAP, SpringBoot

APIs Integration: REST APIs, API Integration

Databases: MySQL, MongoDB

Deployment DevOps: Vercel, Railway

Software: Git, IntelliJ, MySQL, VSCode, Amazon AWS