Shivika Agarwal

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EDUCATION

Kalinga Institute Of Information Technology, Bhubaneshwar   CGPA 8.9

- *Bachelor of Technology in Computer Science Engineering (Sep 2022 – Present)*

St. Norbert School   92%

- *Higher Secondary Education (2021)*

St. Norbert School   94.6%

- *High School Education (2019)*

KEY PROJECTS

Skinalyze: AI-Powered Skin Type Detection & Skincare Advisor

- Developed a responsive and dynamic frontend using ReactJS with custom UI components for seamless user experience.
- Built the complete backend using Flask and integrated a TensorFlow CNN model for skin type with 93% accuracy using a 3,200-image dataset.
- Designed and connected RESTful APIs to bridge frontend and backend reducing response time by 30%.
- Integrated MongoDB for efficient data storage and retrieval of user predictions and preferences.
- **Tools Used:** ReactJS, HTML, CSS, Flask, Python, MongoDB, REST APIs, TensorFlow/Keras.

AI-Powered Interview Scheduler

- Built a backend system for managing candidate applications, resume uploads, and interview scheduling.
- Integrated Affinda API to parse resumes and auto-calculate ATS scores for shortlisting.
- Enabled Twilio SMS alerts for interview confirmations; supports multiple roles and real-time updates.
- **Tools Used:** Spring Boot, MongoDB, Affinda API, Twilio

Interior Design Website

- Developed a sleek, visually engaging UI for an interior design business using clean design principles.
- Ensured 100% responsiveness across 10+ device types and screen sizes, improving accessibility.
- Integrated interactive carousels and Figma-based UI prototyping to speed up frontend development.
- **Tools Used:** ReactJS, HTML, CSS, JavaScript, Figma.

ACHIEVEMENTS

BNC BrainWars (2025)

- Ranked among Top 30 teams nationally for business strategy and tech-based innovation.

TECHNICAL SKILLS

Languages: JavaScript, HTML, CSS, Java, C++, SQL, C
Frontend Frameworks: ReactJS, GSAP, Bootstrap
UI/UX & Design Tools: Figma, Canva
APIs & Integration: REST APIs, Postman, JSON
Databases: MongoDB, MySQL
Deployment & DevOps: Vercel, Railway
Version Control: Git, GitHub
IDEs & Platforms: VSCode, IntelliJ, Amazon AWS