

YASH BANSAL

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Education

Jaypee Institute of Information Technology
B-tech in ECE

Sep. 2022 – July 2026
CGPA: 8.3/10

Maharaja Agrasen Public School, Khurja
Intermediate (Class 12)

2021 - 2022
Percentage: 95.6%

Technical Skills & Relevant Coursework

- **Languages:** C++, Python, MySQL, MATLAB, JavaScript, HTML, CSS
- **Frameworks:** React, Tailwind CSS, NodeJs, Bootstrap, ExpressJs, Sass
- **Tools:** Git, GitHub, Google Colab, Postman, Figma
- **Databases/Cloud:** Firebase, MongoDB
- **Relevant Coursework:** Data Structures, OOP, Internet of Things, Algorithms Analysis, Network Theory, Database Management

Projects

Creatx. | *React, Tailwind CSS, JavaScript* 💬 🔗

Nov 2025 – Present

- **Developer-centric UI component platform** featuring modern, animated, and reusable components for rapid frontend development.
- Allows users to **preview, copy, and integrate** production-ready components, improving development speed and UI consistency.
- Built using **React** and **Tailwind CSS** with a strong focus on **responsive design** and clean UI/UX.

SkinCureX | *HTML, CSS, JavaScript, Python, Machine Learning* 💬

July 2025

- **AI-powered web platform** that enables users to upload **skin images** and receive **disease predictions, medicine recommendations**, and access to **dermatologists**.
- Bridges the healthcare gap by offering **early diagnosis** and **remote skin care support** for users in **rural or underserved regions**.
- Built using **HTML, CSS, JavaScript**; backend and ML logic in **Python** with deep learning and **image classification** trained on dermatology datasets.

SwiftRoute | *React, JavaScript, Firebase, Gemini API* 💬

Sept 2025

- **AI-driven trip planning platform** that generates optimized **multi-day itineraries** based on destination, budget, and preferences.
- Reduces planning effort and promotes **stress-free, intelligent travel experiences** using AI, benefiting a wide range of **global travelers**.
- Developed using **ReactJS** and **JavaScript** for frontend; **Firebase** for authentication and real-time data; **Gemini API** for itinerary logic and natural language interaction.

Experience

Delhi Transco Limited – SLDC Department

June 2025 – July 2025

Intern – Communication and Network Theory

Delhi, India

- Worked on network theory applications and communication protocols in power system automation.
- Understood practical applications of telecom infrastructure in state-level power transmission.

Achievements

- Solved **450+** Problems on **LeetCode** with a **rating of 1544**
- **3-Star at GFG**, Solved **100+** Problems
- Research paper **accepted for IEEE publication**, titled "*Bandwidth Enhancement of Microstrip Antenna by Incorporation Koch Fractal Defected Ground Structure for WLAN/Wi-Fi Applications*".

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