

Saransh Upadhyay

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LinkedIn • LeetCode • GitHub • GeeksForGeeks • Portfolio

Education

Kalinga Institute of Industrial Technology, Bhubaneswar, India

Bachelor of Technology in Computer Science and Engineering

Expected May 2027

CGPA: 8.55 / 10.0

Relevant Coursework: Data Structures & Algorithms, Operating Systems, Database Management Systems, Object-Oriented Programming, Computer Architecture

Technical Skills

Languages: Java, Python, JavaScript, TypeScript, C, SQL

Frameworks/Technologies: Spring Boot, Node.js, Express, Next.js, REST APIs, OAuth, JWT

Databases: PostgreSQL, MongoDB, MySQL, SQLite, Oracle

Developer Tools: Git, Linux, Postman, Docker (learning), Studio 3T

Projects

SkyBook — Flight booking platform

Live Demo • Code

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- Developed 15+ RESTful APIs for flight search, booking, and secure authentication (JWT/OAuth2).
- Designed normalized PostgreSQL schema using Sequelize ORM to ensure data integrity and fast queries.
- Built a responsive React frontend and integrated backend services.

Tech Stack: React, Node.js, Express, PostgreSQL

Real-time Chat App — Full-stack chat application

Code

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- Built real-time messaging with Socket.io; implemented JWT and Google OAuth2 authentication.
- Designed mobile-friendly UI with TailwindCSS and DaisyUI.
- Managed application state with Zustand and React Context API.

Tech Stack: React, Node.js, Express, MongoDB, Socket.io

Secrets App — Simple secrets-sharing web app

Code

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- Implemented secure authentication and authorization to keep user secrets safe.
- Designed a clean, responsive frontend with Bootstrap.

Tech Stack: HTML5, CSS, Node.js, Express, MongoDB, Bootstrap

Trimly App — Salon appointment mobile app (in progress)

Code

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- Building real-time salon appointment booking with React Native.

Tech Stack: React Native

EcoPackage — AI-powered sustainable packaging and loyalty platform

Code

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- Built full-stack web app suggesting eco-friendly, cost-effective packaging using Gemini API prompt engineering.
- Developed customer engagement module with loyalty tracking for reused packaging (MongoDB).
- Designed intuitive React UI and RESTful backend (Node.js/Express) delivering real-time AI recommendations.

Tech Stack: React, Node.js, Express, MongoDB, Gemini API