

Kaushiki Tripathi

Information Technology Undergraduate

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Education

Pranveer Singh Institute Of Technology, Kanpur

Bachelor of Technology in Information Technology

2022 - 2026 (Pursuing)

Percentage:72.96 (Till Date)

St. Thomas School, Kanpur

Intermediate from ISC

2021 - 2022

Percentage:75.5

St. Thomas School, Kanpur

High School from ICSE

2019 - 2020

Percentage:79.0

Skills

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

Libraries/Frameworks : React.js, Node.js, Express.js, TailwindCSS

Databases : SQL, MongoDB

Core Subjects : Data Structure & Algorithms, Database Management System, OOPS, Operating System.

Tools : Oracle, Github, Postman, Excel, PowerBI, Tableau, Canva

Projects

RailShield- (Ongoing)

React.js, Node.js, Express.js, MongoDB

- Built a real-time emergency response system enabling passengers to **send alerts within 5 seconds**, even **without internet**, using **Twilio SMS API** for instant offline communication.
- Created a system that can handle **1,000+ emergency messages at once**, making it more reliable and **60% faster** than manual reporting.

GreenEarth- E-Commerce website

React.js, Node.js, Express.js, MongoDB

- Developed a responsive web platform that enables users to **purchase and plant trees** by selecting planting locations and quantities, improving transparency and environmental engagement.
 - Integrated **secure user authentication**, **real-time tracking**, and a **tiered membership system**, increasing user retention by over **35%** and reducing data mismatches by **95%**
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Achievements and Certifications

Workshop

October 2023 | IIT Kanpur

- Attended the **"National Tech Workshop Series 2023"** (Artificial Intelligence with Machine Learning) organized by Technobytes Technologies in collaboration with **E-Cell IIT Kanpur**.

Certifications:

- Programming Fundamentals using Python (Infosys Springboard)
- HTML5, CSS3, Javascript (Infosys Springboard)
- Problem Solving (Hackerrank)
- Machine Learning A-Z (Udemy)
- Database Management System (Infosys Springboard)

Achievements:

- Achieved **5 Star** Coder Rank at Hackerrank in problem solving.
 - Solved **200+** programming questions on leetcode.
 - Earned the **AgentBlazer Champion** title on Salesforce Trailhead.
 - Earned 3 **Achiever badges** at Coding Ninjas.
 - Recognized for **100% attendance** during the academic year during school and college time.
 - Secured 2nd place in a school singing competition.
 - Took part in the Mini Marathon organized by the school.
 - Appointed as **House Captain** in 11th standard.
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Interests | Hobbies

- Machine Learning
- Web Development
- Data Analytics
- Singing and Dancing
- Cooking