KARAN SAHANI

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SUMMARY

Final-year Computer Science student skilled in Python, Java, JavaScript, Node.js, and DSA. Creative, analytical, and a fast learner who's always ready to explore new technologies and take on challenges.

SKILLS

- **Programming Languages:** Java, Python
- **Web Technologies Framework:** HTML, CSS, Javascript, React.js, SQL,Node.js,Express,Tailwind
- **Coursework:** Object-Oriented Programming, Data Structures Algorithms, Database Management System
- **Databases:** MySQL, MongoDB
- **Design:** UI/UX, Figma

EXPERIENCE

- **MyCTO Innovations** *July 2024 – Sep 2024*
  Web Development Intern
  - Worked as a Front-End Developer on live projects, creating responsive user interfaces using HTML, CSS, JavaScript, and React.js.
  - LearnLinkage
    * Worked as a Front-End Developer at Learn Linkage, designing and developing a web application using HTML, CSS, and JavaScript, including features like contact forms and interactive UI elements.

EDUCATION

- **SRMCEM | Lucknow,UP** *CGPA - 7.8/10*
  B.Tech in Computer Science June 2025
- **Saraswati Shishu Mandir | Gorakhpur,UP**
  Intermediate May 2021
- **St. Anthony's Convent School | Gorakhpur,UP**
  High School April 2019

PROJECTS

- **Route Exploration Tool** [O]
  Tech Stack - React · Node.js· HTML· CSS · JavaScript
  - Built an interactive web tool that animates BFS, DFS, Dijkstra's, and A* on a customizable 2-D grid, letting users place obstacles, adjust weights, and watch the algorithm solve in real time.
  - Crafted an intuitive UI with start/end node selection, speed controls, colour-coded states, and reset/clear actions, during user tests.

- **Spam Email Detection System (Live)** [O]
  Tech Stack - Python · StreamLit
  - Developed a web-based machine learning application to classify emails as spam or ham using a Logistic Regression model.
  - Deployed it as a web app using Streamlit for real-time email text classification.

- **MyTodo (Live)** [O]
  Tech Stack - React · Node.js · Express · MongoDB · Tailwind CSS · JWT
  - Developed a secure, responsive todo app with user auth, task CRUD, priorities, and due dates.
  - Integrated JWT auth, real-time updates, and clean UI using Tailwind CSS.
  - Deployed using Vercel (frontend) and Render (backend) for seamless user experience.

CERTIFICATIONS

- **Cloud Core - IBM**
- **Machine learning with Python-IBM**

ACHIEVEMENTS

- **Cultural Head of dramatics club**
- **IEEE Member**