Vansh Goel

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EDUCATION

- **Indian Institute of Technology(IIT) Patna**   Patna, India
  *BTech in Civil and Environmental Engineering. **CPI: 7.78***   *Nov 2021 - July 2025*

EXPERIENCE

- **ZunRoof Tech Private Limited**   **Gurugram**
  Software Development Engineer Internship   *May 2024 - July 2024*
  - Added **loader** in the Dashboard wherever it took time(>500 ms) to **load data** or make an **API call**.
  - Developed an HTML layout with dynamic data and charts, converted to PDF using libraries like Puppeteer and Chart.js, and automated PDF storage on Firebase via API integration.
  - Engineered a React.js-based form to automate product addition, leveraging AWS S3 for image storage and integrating API calls for dynamic JSON generation, replacing the manual JSON creation and API submission process.

PROJECTS

- **Dream Nest - A hotel booking platform**   **Source Code**
  React JS, Node JS, MongoDB   *August '24*
  - Designed and built a global hotel and cottage booking platform with a modern, fully responsive interface using React.js and Material-UI.
  - Implemented Redux for real-time state management and efficient handling of bookings, user sessions, and room availability.
  - Developed secure JWT-based authentication and Node.js APIs, integrated with Cloud MongoDB for scalable backend operations.

- **Personal Portfolio**   **Source Code**
  HTML, CSS, JavaScript   *August '23*
  - Developed a fully responsive website from scratch using HTML, CSS, and JavaScript, ensuring cross-device compatibility and modern UI/UX design for seamless viewing on all screen sizes.
  - Implemented interactive features including a dynamic contact form and downloadable resume, enhancing user engagement and accessibility.

ACCOMPLISHMENTS

- Secured an All India Rank of **10,974** out of more than **0.17** million candidates in JEE Advanced 2021.
- Ranked as top **2.5** percentile / **28,742** out of more than **1.2** million candidates in JEE Mains 2021.
- Solved more than **300** DSA problems combined across all platforms.
- Excelled in various electives offered in different domains - Finance/Economics and Computing.

SKILLS/RELEVANT COURSEWORK

- **Programming/Development Languages:** C/C++,HTML, CSS, JAVASCRIPT
- **Frameworks/Libraries:** React, Bootstrap
- **Skills:** Data Structures and Algorithms, Object Oriented Programming
- **Courses:** Computer Science: Data Science
  Mathematics: Linear Algebra, Real and Complex Analysis, Partial Differential Equations

LEADERSHIP/POSITIONS OF RESPONSIBILITY

- Coordinator of **Media & Public Relations** in Infinito'23, IIT Patna.
- Sub-Coordinator at **Web Dev Committee**, in ACE, IIT Patna.