Aditya Kumar Sah

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Summary

Motivated and detail-oriented engineering student with a strong interest in web development and software engineering. Experienced in building modern web applications using React and Next.js, with a solid foundation in Python programming and problem-solving. Passionate about learning new technologies and applying technical skills to real-world projects.

Education

Bachelor's Degree (B.Tech in computer science with AI)
Engineering Discipline
USICT,New Delhi   Expected Graduation: 2028

Technical Skills

- **Web Development:** Next.js, HTML5
- **Programming Languages:** Python,java,C
- **Core Concepts:** Data Structures and Algorithm , DBMS,Computer Network
- **Tools & Platforms:** VS Code, Git, GitHub, Overleaf

Projects

Personal Portfolio Website, ioT and Machine Learning Project
React.js, Next.js

- Designed and developed a modern, responsive portfolio website to showcase projects and skills.
- Implemented smooth scrolling, animations, and component-based architecture.
- Focused on performance optimization and clean UI/UX design.

Hydrogen Production – Semester Assignment
Energy Engineering / Technical Research

- Prepared an in-depth technical report on hydrogen production methods with emphasis on methane-based production.
- Analyzed market economics, advantages of hydrogen, and utilization of carbon as a valuable byproduct.
- Focused on sustainability, cost efficiency, and industrial relevance.

Academic Experience

- Solved advanced problems in Laplace Transforms, probability distributions, and hypothesis testing.
- Gained hands-on experience with Python programming, including data types, control structures, and file handling.

Soft Skills

- Problem Solving

- Self-Learning and Adaptability

- Technical Writing

- Time Management

Interests

- Web Technologies

- Software Development

- Clean UI Design

- Emerging Energy Technologies