Nishu Pathak

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GitHub
LinkedIn

Bachelor of Technology
in Information Technology Engineering
Noida Institute of Engineering and Technology

Summary

A passionate and driven B.Tech Information Technology student (2022–2026) with a strong foundation in Java, Computer Networks,Operating System, Data Structures and Algorithms (DSA), and Front-End Developer. Experienced in building projects like Netflix Clone, Weather Forecast, and Project Portfolio. Proficient in problem-solving with a 228-day streak on GeeksforGeeks and 255-day streak on CodeChef. Eager to contribute to innovative software solutions and enhance technical expertise.

Education

Degree	Institute	CGPA	Year
B.Tech IT	Noida Institute of Engineering and Technology	6.23+	2022-2026

Projects

- **Netflix Clone** — *Jan 2024 - Mar 2024*
  Front-End Developer — **Github**
  – Developed a Netflix-inspired web application using React.js for the frontend and Node.js for the backend.
  – Integrated Firebase for user authentication and real-time database management.
  – Implemented features like movie trailers, user profiles, and search functionality.

- **Weather Forecast App** — *Sep 2023 - Nov 2023*
  Full Stack Development — **Github**
  – Built a weather forecasting application using Java (Spring Boot) for the backend and React.js for the frontend.
  – Fetched real-time weather data using OpenWeatherMap API and displayed it in a user-friendly interface.
  – Added features like location-based weather updates and 7-day forecasts.

- **Project Portfolio** — *Dec 2023 - Jan 2024*
  Web Development — **Github**
  – Created a personal project portfolio website to showcase my projects and skills.
  – Used HTML, CSS, and JavaScript for the frontend and deployed it using GitHub Pages.

Technical Skills

- **Programming Languages**: Java, JavaScript, HTML, CSS
- **Data Structures and Algorithms**: Proficient in Arrays, Linked Lists, Stacks, Queues, and Sorting Algorithms
- **Other Tools**: VS Code, Eclipse,MySQL ,Kali Linux tools

Certifications

- **Python Basics** Coursera: Completed an in-depth course covering the fundamentals of Python programming, including data types, control structures, and basic algorithms.
- **Infosys Springboard** Infosys: Successfully completed the Infosys Springboard program, gaining practical knowledge in software development and problem-solving.
- **Data Structures and Algorithms** Coding Blocks: Gained comprehensive understanding and hands-on experience in essential data structures and algorithms, focusing on optimization and real-world applications.

Achievements

- Achieved a 228-day coding streak on GeeksforGeeks, demonstrating consistent problem-solving and commitment to improving my skills.
- Maintained a 255-day coding streak on CodeChef, showcasing my dedication to regularly practicing competitive programming and algorithmic challenges.
- Secured a top 10 rank in a college-level coding competition, out of over 200 participants, which highlights my problem-solving abilities under time pressure.
- Participated in the National Coding Championship and ranked in the top 20
- Completed multiple online coding bootcamps with high ratings, including topics on full-stack development and advanced algorithms.

Positions of Responsibility

- Core Team Member of Coding Club, NIET (2023–Present): Contributed to organizing and managing coding events, workshops, and hackathons, while mentoring junior students on problem-solving techniques.
- Organized a hackathon with 100+ participants at NIET (2023): Successfully coordinated a two-day hackathon event, including managing logistics, handling sponsorships, and ensuring smooth execution.
- Event Head for TechFest, NIET (2022): Led a team of 15 members to execute a college-level tech festival, increasing student participation by 40
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