

NANDINI JHA

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Education

Chandigarh University	2021-2025
<i>Bachelor of Engineering in Computer Science and engineering 7.5 CGPA</i>	<i>Mohali, Chandigarh, India</i>
Delhi Public School (C.B.S.E.)	2020 - 2021
<i>10+2 Higher Secondary Education 86%</i>	<i>Muzaffarnagar, U.P., India</i>
Delhi Public School (C.B.S.E.)	2017 - 2018
<i>10 Higher Secondary Education 89%</i>	<i>Muzaffarnagar, U.P., India</i>

Technical Skills

Languages and Frameworks : C, C++, HTML/CSS, SQL, Power BI, JavaScript, TypeScript, ReactJS

Knowledge: Algorithmic Analysis and Design, Operating System, Data Structure and Algorithm, DBMS, Excellent Communication and Vocabulary Skills, Networking and Cybersecurity

Projects

Dynamic Form Builder (JavaScript)	March 2023
<ul style="list-style-type: none">A web app where users can create custom forms by dragging and dropping elements like text fields, checkboxes, and buttons.Form data is saved dynamically in local storage or a database with live preview available.	
Key Features: <ul style="list-style-type: none">Live preview of the form while building and validation rules for input.	
Multi-User Blogging System (SQL)	December 2022
<ul style="list-style-type: none">Developed a user-friendly blogging platform where users can create, edit and delete posts.Added features like files, comments and categories stored in an SQL database.	
Key Features: <ul style="list-style-type: none">Advanced SQL relationships for posts, users, and comments with Admin dashboard for post management and real-time analytics.	
Personalized Smart Scheduler (C++)	March 2021
<ul style="list-style-type: none">Built a C++ application that creates customized daily schedules based on user priorities, deadlines, and time availability.Integrated priority queues and dynamic programming to optimize task scheduling and minimize idle time.	
Key Features: <ul style="list-style-type: none">Task Prioritization, Dynamic Task Allocation, User Customization and Simple User Interface.	

Experience

Internship Studio Pvt.Ltd., Ahmednagar : Website Development Intern	June 2024 – July 2024
<ul style="list-style-type: none">Directed and optimized development projects by assigning clear timelines and delegating tasks, resulting in a 25% increase in team efficiency and meeting 95% of deadlines on time.Developed interactive user interfaces with HTML, CSS, JavaScript, and React-JS, increasing website responsiveness by 30% and enhancing overall user experience, leading to a 20% increase in user retention.	

Certifications and Accomplishments

- Certification in TATA Group's Cyber security Analyst on FORAGE in 2024.
- Certification in AWC APAC's Solutions Architecture on FORAGE in 2024.
- Certification in Microsoft Azure SQL and Reinforcement Learning by IBM on Coursera in 2024.
- Certification in Discrete Mathematics and IOT (Internet of Things) from IIT Ropar (NPTEL) in 2022 and 2023.
- Part of Guinness World record of largest Human waving Flag in 2022.