

# Aman Kumar

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## EDUCATION

### NIT Jalandhar

*Bachelor of Technology in Biotechnology (CGPA - 7.99)*

Jalandhar, Punjab

Nov. 2021 – May 2025

### Kundan Vidya Mandir Sen. Sec. School

*Intermediate (Percentage Obtained - 93.2)*

Ludhiana, Punjab

Apr. 2020 – March 2021

## TECHNICAL SKILLS

**Version Control:** Git, GitHub, VS Code

**Development Tools:** M.S. Excel, M.S. PowerPoint, M.S. Word

**Languages:** C/C++, SQL, JavaScript, HTML/CSS,

**Frameworks/Libraries:** React.js, Node.js, Express.js, MongoDB

**Concepts:** Data Structure and Algorithm (DSA), Object Oriented Programming Language

## SOFT SKILLS

Problem-solving, Time Management, Leadership, Collaboration, Adaptability, Demonstrated through organizing events, leading cross-functional teams, and solving complex problems in competitive environments.

## INTERNSHIP EXPERIENCE

### WhatBytes

Jun 2024 - July 2024

- Developed and designed responsive web pages for WhatBytes's main website using **React.js** and **Figma** designs.
- Integrated over **5 APIs** into the frontend to create dynamic, efficient user interfaces and seamless functionality.
- Created more than **10 reusable components** such as form, drawer, and dialog components for consistent design.
- Used **Tailwind CSS** to create a responsive and visually engaging **UI** with dynamically generated arrays.

## PROJECTS

### SnapTheWeb | *React.js, JavaScript, Node.js, Express.js, Tailwind CSS* ([Link](#))

Nov 2024

- Built a full-stack app to capture webpages in **3 formats (PNG, JPEG, PDF)** with **user-entered URLs**.
- Enabled options for **full-page** or **single-page** captures, optimizing for performance and flexibility.
- Integrated a **download button** for **instant file saving**, **reducing** screenshot retrieval **time by 20%**.
- Developed a sticky **"Copy Image"** button, allowing **easy copying** to the clipboard.

### Sorting-Visualizer | *React, JavaScript, Tailwind CSS, Git, GitHub* ([Link](#))

Aug 2024

- Developed a web application to visualize various sorting algorithms (**Quick Sort, Merge Sort, Insertion Sort, Bubble Sort, Selection Sort** etc.) with interactive features.
- Implemented a feature to compare sorting algorithms using the same array, displaying their execution times.
- Used **Tailwind CSS** to create a responsive and visually engaging **UI** with dynamically generated arrays.

### Blogging-Website | *JavaScript, Node.js, React.js, Express.js, MongoDB, JWT, Tailwind CSS* ([Link](#))

Jun 2024

- Developed a full-stack blog platform utilizing **React.js, Node.js, Express.js**, and **MongoDB**.
- Enhanced security by 30% through robust **JWT**-based user authentication and authorization.
- Designed user-friendly interfaces using **Tailwind CSS** for creating, managing, and showcasing blog content.

## POSITION OF RESPONSIBILITY

### Core Member of Fine Arts Society, NITJ

Dec 2023 – Present

- Led multiple events during annual college fests like 'Utkansh' and 'Techniti,' attracting over 200 attendees.
- Directed a team of 4-5 members to produce and exhibit artworks, leading to a 20% increase in event participation.

## ACHIEVEMENTS

- Achieved 94 rank in CODECHEF in Starters 104 Division 4 contest.
- Division 3 coder at CODECHEF solving over 275 questions.
- Achieved a maximum rating of 1636, solving over 450 DSA questions on LEETCODE.
- Ranked in the Top 5 of my batch in B. Tech.
- Scored 100/100 in Mathematics in Matriculation (PSEB)