Aman Kumar

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Education

Indian Institute of Information Technology, Bhagalpur
B.Tech in Computer Science & Engineering
Nov 2021 - June 2025
8.36/10 CGPA(absolute)

Tomar Children School, Varanasi
Class XII
April 2019 - May 2020
94%

Relevant Coursework

- Data Structure and Algorithms
- Computer Networks
- Object Oriented Programming
- Database Management System
- Artificial Intelligence
- Operating System

Work Experience

Testline
Feb 2025 – Present
Software Engineer Intern

- Engineered a **scalable** and high-performance **test interface**(allmocktest.com), ensuring seamless question transitions, optimized state management, and an intuitive UI using React.js.
- Implemented a data-driven **analytics system** with dynamic result visualization, performance tracking, and user-friendly insights to enhance **test evaluation**, while integrating **Google Analytics** to monitor user behavior and improve UX.
- Built backend logic in **Ruby on Rails** to parse syllabus content, dynamically generate exams and structured exam sections, and serve parsed data to the UI, enabling automated test creation and reducing manual input effort.

Projects

Chatty: TechStack - JavaScript | ReactJS | Node.js | Express.js | MongoDB | Socket.io   Source Code

- Developed a real-time **chat application** using MERN stack and **Socket.io**, enabling instant messaging with online user status and media sharing via Cloudinary.
- Implemented JWT authentication, efficient state management with **Zustand**, and a responsive UI using TailwindCSS and Daisy UI for a seamless user experience.

ThreadNest: TechStack - JavaScript | ReactJS | Node.js | Express.js | MongoDB   Source Code

- Developed an interactive platform using React.js, designed for **threaded conversations** and real-time engagement, enabling users to create posts, reply, and follow other users seamlessly.
- Implemented key features such as user authentication, profile updates, customization, and media uploads via **Cloudinary**, with a focus on performance optimization and efficient state management using **Recoil**.

Technical Skills

Languages: C, C++, JavaScript
Backend: Node.js, Express.js, Ruby on Rails
Frontend: React.js, HTML, CSS, Bootstrap, TailwindCSS
Database: MySQL, MongoDB
Tools: Postman, Git, GitHub, Linux, Cloudinary, Socket.io, Hotjar, Clarity, Google Analytics

Certifications

Meta Front-End Developer Professional Certificate
Jan 2024 – May 2024

- This program, offered through **Coursera**, covered essential skills including HTML, CSS, JavaScript, ReactJS, **responsive web design**, version control with **Git**, and modern web development tools and frameworks. Additionally, it emphasized best practices in **UI/UX** design, accessibility, and user-centric development, providing hands-on experience through real-world projects and assignments.

Achievements

- Achieved **261st** rank in **Codeforces** Round 1008 Div 2 contest, reaching a rating of 1683 and attaining **Expert** status
- Achieved **Rank 6** out of over 5 lakh participants in the **Naukri Campus Young Turks** examination.
- Achieved Level 2 qualification in the **Flipkart GRiD 5.0** Health+ Track organized by Flipkart.
- Qualified for Level 2 of **Smart India Hackathon'23** organised by Government of India.
- Completed **Google Cloud** Arcade training, gaining practical experience in managing cloud infrastructure.
- Solved more than **800** problems in DSA on **LeetCode** and **GFG**.