Aaditya Agarwal

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EDUCATION

- **Indian Institute of Technology (BHU) Varanasi** — Varanasi, India
  B.Tech + M.Tech (Integrated Dual Degree) - Computer Science and Engineering — 2023-Present
  Current GPA: 9.34
- **Ahlcon Public School** — Delhi, India
  CBSE (CLASS XII) Grade: 94.8% — 2023
- **Ahlcon Public School** — Delhi, India
  CBSE (CLASS X) Grade: 95.6% — 2021

SKILLS

- **Technical:** C++, HTML, CSS, Tailwind CSS, JavaScript, TypeScript, Node.js, Express, MongoDB, React, NextJS
  Postman, C, Bash Scripting, Linux, Github, Docker, Prisma, PostgreSQL

- **Course Work:** C, Linux Fundamentals, Data Structures and Algorithms, Python, Numpy, Pandas, Matplotlib

PROJECTS

- **Task Scheduler (Jun 2024)**
  Task Management Application
  - It is a MERN stack task management application designed to help users add and manage daily tasks efficiently, incorporating features for authentication and data persistence.
  - The project showcases proficiency in using JSON Web Tokens (JWT) for secure authentication and local storage, along with Fetch API for handling GET, POST, PUT, and DELETE requests..

- **The Budget Tracker (April 2024)**
  Finances Tracking Application
  - It is an e-wallet system designed to empower users in managing their finances and achieving financial wellness. It provides personalized budgeting tools tailored to individual spending habits. Users can set monthly budgets and spending restrictions for different categories such as partying, shopping, and junk food.
  - The project demonstrates a firm grasp on concepts such as Routers, Context API, Hooks in React, React-Hook-Form, Styling using Tailwind CSS.

- **Spotify Player Clone (March 2024)**
  Music Streaming Application
  - It is a music streaming application that allows users to listen to songs and enjoy various features similar to the original Spotify platform.
  - The project demonstrates a firm grasp on concepts such as Async Nature of Javascript, JSON, Event Listeners, CSS Grid, Local Storage, Responsiveness across various devices.

- **Netflix UI Clone (February 2024)**
  Modern Web Design Application
  - The goal was to recreate the visual design and layout of the original Netflix landing page using only HTML and CSS.
  - The project demonstrates a firm grasp on concepts such as Semantic Tags, Flexbox, Media Queries.

ACHIEVEMENTS

- **Runner Up** in the Mathematics Competition Numerator-Denominator'23 organised by the Mathematics and Computing Department at IIT BHU.
- Winner in the Solo Instrumental Competition in Aagman'23 hosted at IIT BHU.
- **Runner Up** in Venture Verse'24 conducted during E-Summit'24 organized by the Entrepreneurship Cell of IIT BHU.
- Completed the **Postman API Fundamentals Student Expert** course successfully.
- Secured **1225 Rank** among 1.8 lakh candidates in JEE Advanced 2023.
- Secured **99.85 percentile** among 11.7 lakh candidates in JEE Mains 2023.
- Achieved a maximum rating of **1131** on Codeforces.