AAYUSH BHATTACHARJEE

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EDUCATION

Institute of Innovation in Technology and Management, New Delhi, India   **Nov 2021 - May 2024**

Bachelor's in Computer Applications, CGPA 9.42

- **Data Structures and Algorithms, Introduction to Computer Systems, Fundamentals of Computer Science, Web Technologies, Design and Analysis of Algorithms, Systems Design**

EXPERIENCE

NullClass – Bangalore, India (Remote)(Part-time)   **Jan 2023 – Mar 2023**

Web-developer

- Collaborated with a team of 15+ web developers, Developed the backend architecture of the web-applications.
- Developed user interfaces with modern JavaScript, HTML, CSS which improved user satisfaction by 31%.
- Revamped old APIs by using caching which increased the query speed by 30%.

RadicalX – New York, USA (Remote)   **Sept 2022- Nov 2022**

Software Engineer Intern

- Interned At RadicalX as a Software Engineer learned many technologies to work on the projects assigned.
- Worked in a team of **20 software Engineers**, Developed the **APIs for the backend of the web applications.**
- **Maintained the database**, Modernized the database type from relational to non-relational database which increased query speed by **15%**
- Worked to assess competing websites regarding content, look, and feel. Increased the traffic of the website by **30%**

ACADEMIC PROJECTS

Amazon-Item-Web-Scraper   **Dec 2022 - Dec 2022**

Technologies Used: Python, Beautiful Soup, plyer, dotenv

- A python software which needs an item name to scrape the relevant items and prices.
- Items can be tagged and when the price drops a notification is sent to the user.
- Utilized the Beautiful Soup Library For web scraping and saved the raw data in a file and saved the tagged items data in another file.

Weather Web App   **Nov 2022 – Dec 2022**

Technologies Used: HTML, CSS, JS, Nodejs, Expressjs

- This web app requires a city name to provide the necessary details regarding weather and the air quality of the area.
- Designed an entire responsive web app using HTML, CSS and JS for the frontend.
- And Nodejs and Expressjs for the backend
- Used weather API and Air quality API from rapid API.

Tic Tac Toe Game (Multiplayer)   **Nov 2021- Dec 2021**

Technologies Used: Java, Json

- Created a multiplayer game of tic-tac-toe terminal based.
- Added multiplayer functionality using java's net library used TCP/IP model of networking.
- Coded different interfaces for server and client.
- The server prepares the game board and the client's moves are registered in the server.

SKILLS

Developer Tools: Visual Studio Code, Bootstrap, GitHub, IntelliJ IDEA, MySQL

Languages: C/C++, Python, Java, HTML/CSS, JavaScript, Nodejs**,** PHP

CERTIFICATIONS

- **Lyft Back-end Engineering Virtual Experience,** Forage
- **CH++ Hackathon,** National Institute of Technology Durgapur
- **Innovision Tech Fest Hackathon,** NIT Rourklea
- **Data Science Foundations,** Great Learning
- **Flask Web Development**, Coursera
- **Introduction to Blockchain,** Amazon Web Services (AWS)