ARYASH JAIN

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EDUCATION

Institute of Engineering & Technology, Lucknow   July 2020 - June 2024
Bachelor of Technology - Computer Science & Engineering   *CGPA (Present):* **8.5**/10

EXPERIENCE

ByteLearn Edtech Pvt Ltd
SWE Intern   December 2022 - February 2023
- Worked with the solver team to power the **AI based Math solver**. Handled different chapters and enabled the **chatbot** to solve different **mathematical problems** handling different scenarios.
- Made the AI Chatbot system better and faster by API reorganisation which increased the accuracy by **71%** .
- Solved **200+** bugs of different categories implemented by others.
- **Tech Stack**: **Python**| **Jinja** | **NodeJs**| **Pytest**| **Jira**| **Bitbucket** | **Git**

NowOrNever.live
Backend developer   June 2022 - July 2022
- **Allowed Users Api**: developed APIs that secured the auth pipeline of the website
- **Implemented MongoDb-Triggers methodology reducing the LeaderBoard update time by 15%.**:
- **Tech Stack : NodeJS | ExpressJS | ReactJs| SocketIO | MongoDb** :

OPEN SOURCE CONTRIBUTION

Chart Dashboard Browser Extension
- Engineered a **lightweight, compatible and user friendly**, extension to solve the problem of reading huge data points
- Designed the script to convert data-points into **real-time graphs**, to give a much easier, and faster insights of the data sets
- Innovated the **graphs** to **update automatically in real time**, this enabled the applications usage in data interpretation field
- **Tech Stack**: **HTML | CSS | Javascript | Chart.js | Manifest.json**

PROJECTS

Employee Management System (view code)   working video
- This is project solves the problem of managing various employees in an organisation.
- It's backend is designed in a very user friendly manner and it supports CRUD operations and stores the data in MongoDB database   **Tech Used: HTML | CSS | JavaScript | Node.Js | Express.Js |MongoDb |Ejs.**

Interview-Scheduler (view code)   Deployed Link
- Solved the problems of the recruitment process by speeding up the process and allowing hiring managers to schedule interviews when it's best time for them.
- This tool can help streamline the hiring process and make it more efficient for both recruiters and candidates.
  Tech Used: HTML | CSS | JavaScript | React.Js | Firebase

CERTIFICATIONS AND ACHIEVEMENTS

- Coding profiles-: **Codeforces**.(view) **LeetCode**.(view) **GeeksForGeeks**.(view)
- Global rank **1770** and College rank **9** in **ACM-ICPC** Qualification Round (2022).
- Solved **more than 1000** problems on **Data Structure and Algorithms** on various platforms.
- Freelanced as **Technical content writer** at GeeksForGeeks
- Advanced to Round 2 in **HackerCup by Meta-2022**.
- Introduction to IOT certification-**IIT KGP (NPTEL)**
- Completed Algorithmic ToolBox course on coursera and Web-Development Training on Internshala
- Senior Associate and head of technical team at **Entrepreneurship cell** At IET Lucknow

TECHNICAL SKILLS

Languages: C, C++, JavaScript, Python, Typescript
Developer Tools: VS Code, CP Editor, GitHub, Postman, BitBucket, Gitlab, JIRA
Technologies/Frameworks: NodeJS, MongoDB, MySQL, Git ReactJS, Data Structures, Relational Databases
Courseworks: Problem Solving, Data Structures and Algorithms, Relational Database Management Systems, Object Oriented Design, Machine Learning