

ARYASH JAIN

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EDUCATION

- Institute of Engineering & Technology, Lucknow** July 2020 - June 2024
Bachelor of Technology - Computer Science & Engineering CGPA (Present): **8.3/10**

EXPERIENCE

- Tickertape (SmallCase)** 24th July 2023 - 24 January 2024
Backend Intern
 - Worked with the **platform team** to power the development for various **microservices**.
 - Made **Transactional-jobs** fault-tolerant, by migrating the legacy file system to the database.
 - Created **announcement-job and announcement- dashboard** empowering the product team targeting more than **1.5 million users**.
 - Optimized **Golang** Script for email cleanups, reducing the execution time by **91%**.
 - Added **OTP Verificaton feature** for International numbers Through SMS and whatsapp.
 - Added Search functionality for **DigiGOLD** in the **TickerTape Search**
 - Tech Stack:** TypeScript | NodeJs| NestJS | GoLang| Jira | Git |Postman | BloomRPC
- ByteLearn Edtech Pvt Ltd** December 2022 - February 2023
SWE Intern
 - 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.
 - Solved **200+** bugs of different categories implemented by others.
 - Tech Stack:** Python| Jinja | NodeJs| Pytest| Jira| Bitbucket | Git

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

- The Kwizzer App** (view code) [App Link](#)
 - This is an lightweight interesting quizzing platform , that allows user to access and attempt quizzes
 - It is user friendly and a report card is also generated at the end of the quiz, so users can track their progress.
 - Tech Used:**JavaScript | Node.Js | Express.Js |MongoDb | React.JS | CSS

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
- was a part of NowOrNever community as a backend contributor.
- 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