Aditya Kumar Arya

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Education

Indian Institute of Information Technology, Allahabad November 2022 - Present
B.Tech in Information Technology *GPA - 8.47 (Till 6th sem)*

Gyan Bharti Residential Complex, Bodhgaya April 2021 - July 2022
Class 12th, C.B.S.E. *94.2%*

Work Experience

Asteride Technologies Pvt. Ltd. December 2024 - June 2025
SDE Intern *Remote*

- Engineered and maintained backend functionalities for the Asteride application, ensuring efficient and scalable performance using **Java Spring Boot**, ensuring seamless performance.
- Improved database operations with advanced query optimizations, driving efficiency in data processing workflows.
- Integrated and maintained **AWS** services (Elastic Beanstalk, EC2, CloudWatch) to support scalable deployment, monitoring, and performance logging.
- Leveraged tools like **Postman** for **API** testing, **TablePlus** for database management and **BitBucket** for version control to streamline development workflows.

Projects

GoFood **Github**

- Developed a dynamic and responsive full-stack web application named "GoFood" using the MERN stack.
- Innovated and streamlined a dynamic user interface using React and Redux, resulting in a 50% increase in user satisfaction scores and a 20% improvement in application performance.
- Implemented JWT-based authentication and authorization to bolster security measures.
- Tech Stack: **MongoDB**, **ExpressJs**, **ReactJs** and **NodeJs**

Interview-Ease **Github**

- Created a web application that streamlined the hiring process, featuring candidate scheduling, interview tracking, and real-time feedback integration.
- Designed and optimized complex SQL queries for efficient data retrieval and reporting, enhancing the application's performance and scalability.
- Tech Stack: **MySQL**, **ExpressJs**, **ReactJs** and **NodeJs**

Achievements

- **4 Stars** on **CodeChef**. Max rating: **1896**. Best Global Rank of #**27** in Starters 121 (Div. 3) and # **333** in Starters 134 (Div. 2).
- Achieved **Specialist** rank on **CodeForces** with a peak rating of **1446**
- Attained a notable achievement with a best global rank of #**1622** in the think-cell Round 1, surpassing over **12800** participants. Global Rank of # **1880** in Codeforces Round 918 (Div. 4) (Out of **31000+** participants) and #**2346** in Codeforces Round 917 (Div. 2).
- **LeetCode**: Max rating **1829**. Best Global Rank of #**602** in Biweekly Contest 135.
- Solved **800+** problems on LeetCode.

Positions of Responsibility

Alumni Sangam Students' Interaction Cell (ASSIC) **Chairperson**
- Led the organization of the Silver Jubilee Global Alumni Meet, enhancing alumni engagement and fostering strong connections between alumni and students.

Cultural Secretary
- Organized and promoted cultural events, fostering campus creativity and community engagement.

Technical Skills

Languages: C/C++, Java, JavaScript, Python, HTML, CSS, SQL

Subjects: OOPS, DBMS, Data Structures Algorithms, Computer Networks, Operating System

FrameWorks: ReactJs, ExpressJs, NodeJs, Bootstrap, Tailwind CSS, Java Spring Boot

Clouds & Databases: MySQL, MongoDB, TablePlus

Design Tools: Figma, Canva, Adobe Illustrator

Developer Tools: Postman, VS Code, IntelliJ IDEA, GitHub, BitBucket, JIRA