Areeshaa Parveen

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EDUCATION

- **Delhi Technological University** — New Delhi, India
  Bachelor of Technology - Computer Engineering; CGPA: 9.15 — *August 2019 - Present*
  Courses: Data Structures, Analysis of Algorithms, Operating Systems, Object Oriented Programming, Databases
- **Tagore International School** — New Delhi, India
  AISSCE/CBSE Class XII - Science; 87% — *2018*
  Courses: English Core, Mathematics, Physics, Chemistry, Computer Science
- **Tagore International School** — New Delhi, India
  AISSCE/CBSE Class X; 10 CGPA — *2016*
  Courses: English Comm., Hindi, Mathematics, Science, Social Science

WORK EXPERIENCE

1. **Adobe India**
   Tech Stack: reactJs(UI/UX), java(backend), python, git, github — *June, 2023 – Present*
   - Currently working with Globalization team for localizing strings.
   - Implemented a worker for determining the translation type of strings.
   - Worked on UI/UX of a platform for creating workflows regarding translating strings.
   - Created a dashboard using Power Bi for data analytics.
2. **Microsoft India** — Remote
   Tech Stack: C#, git, github — *May, 2022 – July, 2022*
   - Implemented 1 $batch REST API.
   - Changed sequential calls in API to batch calls using the $batch construct. Then leveraged this API for 1 task.
   - Implemented flight feature to fine-tune batch size to optimize the total execution time.
   - Fixed the maximum batch size as 20 during testing.

ACADEMIC PROJECTS

1. **Counting the Number of Galaxies** — Github
   Tech Stack: Python, C++
   - Used Depth First Search connected components and computer vision for implementation.
   - A cosmological image is thresholded, and then a 2D binary matrix is extracted from the thresholded image.
   - The algorithm then works on this 2D matrix to count the number of galaxies.

2. **Shortest Path for Martian Rover** — Github
   Tech Stack: CSS, HTML, Bootstrap, JavaScript
   - This project aims to use various path-finding algorithms for assisting the Martian Rover in concluding the shortest path to the destination while traversing a specific area. The user can add weight to the grid.
   - Measured the distance traveled, the time taken to reach the destination (accurately measures times up to 3 decimal places).
   - The number of nodes searched is also displayed (the maximum number of nodes explored can be 714).

ACADEMIC ACHIEVEMENTS

- Mentee in **Microsoft Engage Mentorship Program** 2021
- Secured **1st** position in **all girl's team** category and **2nd** position(overall) in **HACK-NU-THON 2.0**, 2021
- Secured **3rd** position in **Codeprix**(an online team coding event), 2021
- Secured rank **1219** in **Google Codejam I/O Women** 2021 out of **4700+** participants
- **Semi-finalist** in **Myntra** Hackerramp 2022
- **Codechef:** Max Rating 1560
- **Codeforces:** 225 problems solved
- **Hackerrank:** 6 star in Data Structure and Algorithm
- **Leetcode:** 436 problems solved

CERTIFICATE AND ACADEMIC COURSEWORK

Responsive website basics: code with HTML, CSS and JavaScript   Data Structure and Algorithms

SKILLS

- **Languages and Framework:** C, C++, Java, reactJs, javaScript, HTML, CSS, Python, Bootstrap
- **Tools & Platforms:** GIT, Jupyter Nobetbook, Visual Studio, IntelliJ, Power BI

POSITIONS OF RESPONSIBILITY

- Guided juniors in tech through Climb Mentorship Program.
- Helped in organizing and hosting Smart India Hackathon at DTU.

EXTRA CURRICULAR ACTIVITIES

- Mentored 4 school students in career opportunities under Desh Ke Mentor, Government of Delhi.