Astha Pandey

Systems Engineer, Tata Consultancy Services

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Lucknow, India 📍

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I am interested in the field of Computer Science with special interests in Algorithms and Data Structures and their use in creating optimal and efficient solutions

EDUCATION

Study Program
Madan Mohan Malaviya University of Technolgy

2017 - 2021   *7.90*

Courses
- Bachelor of Technology
- Computer Science and Engineering

High School &Intermediate
City Montessory School

Courses
- High school-95.25 %
- Intermediate- 94%

PERSONAL PROJECTS

Sorting Visualizer
- Built a sorting visualizer using python. Implemented most popular sorting algorithms -Bubble, Insertion, Merge, Quick, Selection Sort. Used python to write code and matplotlib for visualization.

WORK EXPERIENCE

Systems Engineer
Tata Consultancy Services

08/2021 - Present

Achievements/Tasks
- Working as a backend developer trainee , working with technologies like Java and Spring.

Augmented Reality Development Intern
PupilFirst

03/2020 - 07/2020

Achievements/Tasks
- Created Motion Sensing Filters Using Tools Like Spark AR, Blender and unity.
- Provided motion to different gestures via scripting so as to understand Augmented Reality at implementation Level

Web Development Intern
Research Design and Standards Organisation

05/2019 - 07/2019   *Lucknow*

SKILLS

C++ JavaScript React.js CSS Java

Git Algorithms Neo4j MongoDB

Data Structures TypeScript AWS

Microsoft Azure SpringBoot MySQL

Firebase

ACHIEVEMENTS

Selected in top 250 teams for Facebook's School of Innovation AR Program (03/2020 - 07/2020)
Submitted Filters built using Technologies like SparkAR

Recipient of National Talent Search Scholarship(NTSE) given by Government of India

Won Innovation Quiz , an inter-college event held at MMMUT.

Rank 21 at a coding event Captain Coder organized by Coding Ninjas

3 star on codechef and completed approximately 150 questions on leetcode

CERTIFICATES

Microsoft Azure Fundamentals (2021 - Present)
Microsoft

Design and Analysis of Algorithm
Coursera

Captain Coder Top 50
Coding Ninjas

LEADERSHIP

Secretary
-Entrepreneurship Development Cell

Team Lead
SV.co AR Program