Aastha Dhir

(AWS Certified Associate Solutions Architect)

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Education

Illinois Institute of Technology   Chicago, IL
Masters, Computer Science, GPA: 3.44   *Aug. 2021 – May 2023*

Guru Nanak Dev University   India
Bachelor of Technology in Computer Science Engineering, GPA: 3.33   *Aug. 2015 – May 2019*

Experience

Lab Campus Life Ambassador   Sept 2022– Present
Illinois Institute of Technology   *Chicago, IL*
- Managing and Supervising the Underground Elevate Space at IIT Tower.
- Maintain upkeep of lab equipment and printers

SOAR/GO Leader   Jun 2022 – Present
Illinois Institute of Technology   *Chicago, IL*
- Lead groups of 10-12 new 1st-year students/families and educate them about campus resources and student life to succeed.
- Led process improvement by creating material that cut student questions by 50 percent

Graduate Peer Mentor   May 2022 – Present
Illinois Institute of Technology   *Chicago, IL*
- Guide incoming students and provide support, knowledge on university/courses.
- Mentor and empower students by sharing experiences that increased their confidence by 75 percent

Projects

YouTube Sentiment Analysis   Aug 2022 – Dec 2022
- Learned about how sentiment is measured and analyzed using various data,including comments on YouTube videos
- Visualized data using graphs for better understanding
- Used packages like sentimentr,syuzhet and quanteda for checking sentiment scores

Bollywood Movies Analysis   Aug 2022– Dec 2022
- Learned about how Bollywood Movies are analyzed using various data, using the graph database.
- Figure out which relationships exist between different pieces of information
- The data has been inserted into the Neo4j database and subsequently, relationships between actors, movies, and directors nodes have been analyzed.

Library management System   Sept 2021 – Dec 2021
- Learned how to design ER Diagrams and Relational Schemas.
- Database back end to store, manage and retrieve information about members, and documents.
- The application allows users to search for, borrow, and add documents to their library.

Technical Skills

Languages: Java Core, Python, C/C++, SQL, RDBMS, JavaScript, HTML/CSS, R, PHP, Python(Basics)
Developer Tools: Git, AWS(Basics), Linux, VS Code, Visual Studio, PyCharm, Eclipse
Microsoft Office Suite: Word, PowerPoint, MS Project Tool, MS Excel(Basics)

Certifications

- AWS Solution Architect Associate, Udemy, Jan 2023– Present
- CI/CD Beginner Prerequisites and SDLC Lifecycle, Udemy, Jun 2022– Jun 2022
- DevOps Beginner Prerequisites, Udemy, Jun 2022– Jul 2022
- Web Development, India, Dec 2018– May 2019
- "Talk to your Teacher", Ministry of Human Resource Development, India, Apr 2018
- Java Cor´e, C, C++, India, Jun– Aug 2017 and Jun– Jul 2016