Sanskar Mundaniya

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Education

Malaviya National Institute of Technology Jaipur 2023
Bachelor of Technology in Computer Science and Engineering *CGPA: 7.41/10.0*

Ascent Int. Sr. Sec. School, Udaipur, Rajasthan 2019
Intermediate/+2 *Percentage: 80.2%*

Ascent Int. Sr. Sec. School, Udaipur, Rajasthan 2017
Matriculation *Percentage: 92.5%*

Skills

Technical Skills/Tools/Framework: C/C++, Java, Python (basic), JavaScript, React, Spring, Node.js, HTML, CSS, Bootstrap, SQL, MongoDB, Selenium, Git, GitHub, Gitlab, Express.js, VS Code, IntelliJ, Latex

Coursework: Data Structures and Algorithms, Object-Oriented Programming, Operating System, Computer Network, Computer Network Security

Other Skills: MS Office Suite, Canva, Public Speaking

Experience

UBS | *Software Engineer* August 2023-Present

- In the firm's **Wealth Management Americas** Department, played a key role in the development team of the **Banking Platforms** initiative, collaborating closely with the onshore product team to align technical solutions with business requirements and enhance product functionality.
- Awarded as **Outstanding Performer** at the firm level for exceptional contributions and dedication to project success.
- Gained comprehensive insights into finance industry trends while mastering **D365** and **React** for front-end development, and **Spring**, **Java** for integration.
- Developed automation tests leveraging **Java BDD** framework that led to an **80%** reduction in manual testing time; findings pinpointed major causes of application crashes during integration phases.

Publication

A visual question and answering system with support for compound emotions, Elsevier July, 2024
***Authors: Sanskar Mundaniya**, Lavika Goel, Nilarnab Debnath*

- This project advances Visual Question and Answering (VQA) systems by equipping them to recognize and interpret compound emotions in images, addressing the challenge of overlapping emotions.
- Leveraging **VGG 19**, **attention models**, **Random Forest**, and **XGBoost**, it delivers a modular, versatile solution for industry applications.
- The project offers a fresh approach to understanding complex human emotions in visual data by combining cutting-edge techniques.

Projects

Anime4u GitHub May, 2023

- The anime recommendation system, built with **React** and **Node.js**, offers an engaging platform for anime enthusiasts. Users can browse trending shows, search by genre, and create accounts to save favorites.
- Powered by **MongoDB** for scalable data storage, the platform also allows users to write reviews, enhancing community interaction.
- A chat feature fosters lively discussions and sharing of anime recommendations, making it a comprehensive hub for anime lovers.

Cricketor GitHub June, 2022

- Developed a cricketing website using **PHP**, with a front-end designed using **HTML**, **CSS**, **Bootstrap**, and **JavaScript** that features real-time score tracking and interactive elements, demonstrating advanced programming skills and attention to user experience.
- The project included **MySQL** database management, enabling users to store historical match data and access real-time scores through match codes.

Coding Profile and Certifications

- **Solved 500+ Data Structures and Algorithms questions across LeetCode, GeeksforGeeks, etc.**
- **Microsoft Certified: Dynamics 365 Fundamentals (CRM)**