Nasit Prince

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Education

Institute Of Technology, Nirma University **Oct 2021 - May 2025**
B. Tech in Computer Science and Engineering ***CGPA 8.68/10*** *Ahmedabad, India*

Experience

Computer Society Of India, Nirma University **Nov 2022 – Present**
Member Of Executive committee *Ahmedabad, India*

- Led the successful organization of **HackNUthon 4.0**, an esteemed national-level hackathon that took place in April 2023, serving as a vital member of the core committee..
- Crafted and validated intricate problem sets for diverse online contests, ensuring a competitive environment.
- Additionally, played an instrumental role in the Organizing Committee of Cubix 2023, a prominent and innovative technology event, where active contributions helped make the event a resounding success.

Projects

Handwritten Character Recognition | ***Python, Machine learning, Deep learning, Streamlit*** | Link

- Developed Handwritten Characters Recognition project using machine learning techniques.
- Achieved high accuracy in character recognition through extensive model training.
- Utilized Python and popular libraries like **TensorFlow, keras, openCV, scikit-learn, numpy and pandas** for implementation and Successfully integrated the project into real-world applications.

Tour Guide | ***Java, Object Oriented programming*** | Link

- Developed a Java-based Tour Guide project, incorporating Object-Oriented Programming (OOP) principles.
- Implemented inheritance to establish a hierarchical relationship among different types of locations and Utilized polymorphism to enable dynamic behavior and seamless integration of new features.
- Designed classes for locations, user preferences, and tour packages, including Season Tour, Economic Tour, and Month Tour.

Scheduling Algorithms | ***Operating System, C*** | Link

- Implemented various Scheduling Algorithms for project optimization.
- Created the project using C with the use of structure , linked list, queue and etc.
- Analyzed and compared the performance of each algorithm using real-world data.

Medical Store Management System | ***Data Structure and Algorithms, C*** | Link

- Experienced in developing a medical store management system utilizing tree data structure and C language.
- Utilized tree-based structure to handle large inventories and track expiration dates effectively.
- Optimized the addition and removal of medicines through the tree data structure.
- Successfully delivered a reliable and scalable medical store management solution.

Achievements

- **Pupil** on **codeforces** with the highest rating of **1245**
- Rated **3 star** in **codechef** with highest ratting of **1619**
- Successfully participated in **Flipcart GRid 4.0 - Software Development Challenge** organized by **Flipcart**.

Profile Links

- Codechef
- Codeforces
- Leetcode

Technical Skills

Languages: C, C++, Python, Java, HTML/CSS, JavaScript, SQL
Frameworks: ReactJS, AngularJS, Bootstrap
Libraries: numpy, pandas, openCV, keras, tenserflow, scikit-learn, matplotlib, streamlit
CS Fundamentals: Operating System, Data Structure and Algorithms, Database Management System, Object Oriented Programming