

Raj Sanjay Jain

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EDUCATION:

BITS PILANI Hyderabad

B.E. Computer Science

2021 to present

GPA: 7.6/10.0

Nashik Presidency School & Junior College

Higher Secondary School Certificate (HSC)

(Secured Rank 1)

2020 – 2021

GPA: 9.8/10

Ashoka Universal School

Indian Certificate of Secondary Education (ICSE)

2018 – 2019

GPA: 9.7/10

TECHNICAL SKILLS:

- **Programming Languages** – Java, Python, C++, C
- **Web Technologies** – HTML, CSS, React, Node.js, Spring Boot, Express.js
- **Database** – MySQL

COURSEWORK:

Undergraduate

- Data Structures & Algorithms
- Object Oriented Programming
- Database Management System
- Discrete Structures for Computer Science

ACHIEVEMENTS:

- Secured All India Rank 571 in Kishor Vaigyanik Protsahan Yojana (KVPY) National level scholarship scheme
- KVPY fellow for 2020 - 2021
- Qualified National Standard Examination in Junior Science (NSEJS)
- Qualified all levels of Asset Talent Search

PROJECTS:

Database Project - (A custom designed Database)

Jan 2023 – Mar 2023

- Designed and developed a fully functional, **SQL-compliant database**
- Based on Property Rental Agency (PRA) scenario mediating between Owners and Tenants across multiple cities in India.
- The project focused on ER/EER Modeling, Relational schema design, Normalization, database implementation, and writing SQL/PL-SQL code.
- Functionality includes adding users with necessary privileges, allowing DBA and Managers to add/delete/update any property record, allowing owners to update their own property record, allowing Admin and Manager to add property-rent details, generating a report on rent history, and checking property status based on ID.

E-commerce Website for Electronic store

Oct 2022 – Nov 2022

- Designed and developed a fully functional E-commerce platform using **Node.js**, **Express.js**, **React** and **SpringBoot**.
- Used **HTML/CSS** as frontend
- Added authentication and email alerts on orders.
- Designed a role-based architecture to provide privileged access to operation services based on the role of the user, namely Admin and Manager.
- Implemented List, Add, Delete, Update, Search, Add to Favorite, and Checkout operations for selected items.
- Created a featured section for electronics as well as recommended items related to bought electronics.