

Raj Sanjay Jain

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EDUCATION:

BITS PILANI Hyderabad B.E. Computer Science	<i>2021 to present</i> GPA: 7.6/10.0
Nashik Presidency School & Junior College Higher Secondary School Certificate (HSC) (Secured Rank 1)	<i>2020 – 2021</i> GPA: 9.8/10
Ashoka Universal School Indian Certificate of Secondary Education (ICSE)	<i>2018 – 2019</i> 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
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COURSEWORK:

Undergraduate

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

Database Project - (A custom designed Database)	<i>Jan 2023 – Mar 2023</i>
<ul style="list-style-type: none">• 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	<i>Oct 2022 – Nov 2022</i>
<ul style="list-style-type: none">• 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.	