Raj Sanjay Jain

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EDUCATION:

BITS PILANI Hyderabad   *2021 to present*
B.E. Computer Science   GPA: 7.97/10.0
Nashik Presidency School & Junior College   *2020 – 2021*
Higher Secondary School Certificate (HSC)   GPA: 9.8/10
(Secured Rank 1)
    Ashoka Universal School   *2018 – 2019*
Indian Certificate of Secondary Education (ICSE)   GPA: 9.7/10

TECHNICAL SKILLS:

- **Programming Languages –** Java, C++, C
- **Web Technologies –** HTML5, CSS, React, Node.js, Spring Boot, Express.js, BootStrap
- **Database –** MySQL, MongoDB

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

PROFESSIONAL EXPERIENCE:

Full Stack Software Developer – Yashoda Group of Hospitals
Software Engineer Intern,   **Jun 2023– July 2023**

- Worked on full-stack development to store and retrieve heartbeat data and ECG (electrocardiogram)-logs.
- Used NodeJS, EJS, Express and MongoDB and added OAuth Authentication.
- Made RESTful CRUD API Endpoints.
- Created a GIT repository with Version Control for Possible open-source pull and merge requests and hosted the website Live on Heroku.

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.**
- Used **HTML/CSS** and BootStrap 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.