

RABOONI SHERIN

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Education

Sethu Institute of Technology

Bachelor of Computer Science and Engineering

2021 – 2025

8.5 CGPA

KVT Matriculation Higher Secondary School

High School

2019 – 2021

90%

CEOA Matriculation Higher Secondary School

Intermediate School

2014 – 2019

86%

Relevant Coursework

- Data Structures
- OOPS
- Computer Networks
- Database Management
- Artificial Intelligence
- Internet Technology
- Operating System
- Algorithm Analysis

Projects

Bank Management System Backend | *Java, MySQL*

March 2024

- Designed and implemented a Bank management system backend focusing on secure data storage and efficient account management.
- Developed MySQL queries to manage user accounts, transactions, and account histories while ensuring data integrity.
- Enhanced system performance with optimized database schema design, reducing query response time by 20%.

Shopping System Backend | *Java, MySQL*

January 2024

- Engineered a comprehensive shopping system backend to handle product listings, inventory management, and customer transactions.
- Utilized MySQL for efficient database management and Java for backend processing, ensuring reliable transaction processing.
- Improved database performance by indexing frequently accessed tables, resulting in a 25% reduction in processing time.

Food Ordering Website | *Next.js, MongoDB*

December 2023

- Developed an intuitive food ordering website with Next.js and MongoDB, focusing on user experience and optimized data management.
- Integrated PayPal for secure payments and optimized the user interface, increasing customer retention by 30%.
- Reduced order placement time by 50% through efficient data fetching techniques and responsive web design.

Achievements

HackerRank - Java 5 Star (View Hackerrank Profile)

Smart India Hackathon - College Level

2023

- Selected as a team member for the project “Identification of medicinal plants using artificial intelligence and machine learning” at the College Level category.

Technical Skills

Languages: C, Java, C++, Python, HTML/CSS, MySQL

Developer Tools: VS Code, IntelliJ IDEA, Android Studio

Technologies/Frameworks: NextJs, GitHub

Certificates

NPTEL Programming in Java (Elite)

Jan-Apr 2023

NPTEL Joy of Computing using Python (Elite)

Jul-Oct 2023

IOT Internship on e-Mantra

Mar 2023

Python Fullstack Completion

Sept 2022