

NISHIKANT

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Education

Bachelor of Technology in Computer Science and Engineering

Institute of Technical Research and Education, Odisha, India

2020 - 2024

CGPA: 8.7

Class 12th Science (CBSE)

Holy Cross Public School, Bihar, India

2018 - 2020

Percentage: 70.0%

Class 10th (CBSE)

T.M. Vidya Mandir, Bihar, India

2016 - 2018

Percentage: 86.6%

Projects

DES Key Generation

- *Tech Stack: Java*
- Designed and implemented a robust cryptographic solution in Java, focusing on Data Encryption Standard (DES) for symmetric encryption of 16 round.
- Generates random key for Encryption and Decryption by passing through 4 rounds.
- Project link: https://github.com/nishikantraj/DES_Key_Generation-JAVA

Dynamic Search Page

- *Tech Stack: HTML, CSS*
- Created a search page, integrating real-time search functionality with direct access to Google, YouTube, and 4 other interesting websites.
- Key features:
 - Clean and intuitive user interface. Provided feedback on search results, helping in identify areas for improvement and enhancing the user experience over time.
 - Responsive design, ensuring it works well on different device.
- Project link: <https://nishikant-searchpage.netlify.app/>

To-do List Web Application

- *Tech Stack: HTML, CSS, JavaScript*
- Developed a web-page where users can manage tasks, track progress etc. The platform's intuitive design, real-time progress tracking, and advanced task organization capabilities facilitate productivity gains of up to 40%.
- Added 3 buttons: Add task, Delete task, Complete task and some animation effects.
- Skills Gained: JavaScript (DOM Manipulation, Event Handling)
- 3 Key features:
 - User-friendly interface with responsive design
 - Enhanced the functionality of project by implementing a dynamic filtering system resulted in a 50% reduction in task-search time, substantially improving user efficiency and experience.
 - Real-time updates without page reload using JavaScript and provide local storage
- Project link: <https://nishikantraj.github.io/TODO-LIST/>

Technical Skills

Coursework: Data Structure and Algorithms, Object Oriented Programming, Operating Systems, Database management system

Languages: Java, HTML / CSS, SQL, JavaScript

Developer Tools: Vs Code, Eclipse, Oracle VM Box

Accomplishments

Directed and coordinated a team of 2000+ students for a highly anticipated event; effectively managed logistics, resources, and schedules to deliver a seamless and impactful experience, showcasing my leadership abilities. Though this event I gained valuable experience about team-planning and management.