

TUSHAR DHINGRA

8360376307 | tushardhinra314@gmailcom | Linked-In | GitHub | Leetcode

4TH YEAR (ELECTRONICS & COMMUNICATIONS)

Solving real-world problems through technology. Led hackathon teams, contributed to team projects, mentored juniors in full-stack development, and engaged in competitive programming.

PROJECTS

StitchWorks | Desktop Application

Jun 2024 - Jul 2024

- Automated customer, worker, and order updates, reducing manual entry time and improving data accuracy.
- Implemented secure authentication and email notifications, resulting in approx. 30% increase in communication efficiency.
- Added features to export data to Excel, enhancing reporting capabilities and saving several hours of work per month.
- Utilized Java, JavaFX, and SQL to create an efficient, user-friendly system that improved overall productivity .

CommunityCare Connect | Dynamic Web-Service

Jun 2023 - Jul 2023

- Developed a Node.js and MySQL-based platform connecting medicine donors with those in need, featuring real-time updates that improved coordination efficiency.
- Implemented user authentication and signup for individuals in need, and donation registration for donors, increasing user registration.
- Integrated with MySQL Workbench for secure data storage, allowing recipients to find donor availability by city, improving data retrieval time.
- Utilized Node.js, Express.js, HTML, CSS, JavaScript, and MySQL to build a responsive, robust platform that impact the lives of over 1,000 users.

SKILLS

- **Programming Languages:** Proficient in C/C++, Java (including J2SE), JavaScript, and SQL.
- **Web Development:** Skilled in HTML, CSS, JavaScript (React, AngularJS, jQuery, AJAX), Node.js, Express, and Bootstrap.
- **Databases:** Experienced with MySQL, MongoDB, and MySQL Workbench.
- **Frameworks and Libraries:** Knowledgeable in JavaFX, Express.js, and Bootstrap.
- **Core Concepts:** Strong understanding of Data Structures and Algorithms (DSA) and Object-Oriented Programming (OOPS).
- **Electronics:** Expertise in Electronic Circuit Design and Arduino Projects.

EDUCATION

Thapar Institute of Engineering And Technology | Patiala

2021 to Present

- B.E In Electronics and Communications Engineering
- CGPA: 7.59

DAV Public School | Patiala

2020 to 2021

- Senior Secondary(XII) PCM
- Aggregate Percentage: 78%

DAV Public School | Patiala

2018 to 2019

- Secondary(X) CBSE
- Aggregate Percentage: 81.5%

ORGANISATIONS

IETE Social Club

(07/23 - 07/24)

- Mentor(in Web-Dev department).

Pratigya Abhiyan

(09/21 - 09/22)

- Volunteered as a tutor for poor kids.

CERTIFICATIONS AND ACHIEVEMENTS

- Full-Stack Web Development | BCE (06/23 - 07/23)
- Data Structures & Algorithms With C++ | BCE (07/23 - 09/23)
- C/C++ (OOPS) | BCE (06/23 - 07/23)
- Java/JavaFX | BCE (06/24 - 07/24)
- IoT-Based Systems | ECED
- Hack4Change Hackathon Participant | Google (2024)

INTERESTS

- Coding
- Web-Development
- Creativity
- Fitness
- Badminton
- Electronics and Circuit Design