# RISHABH DIDWANIA

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## Education

| Degree | Institute | Board/University | CGPA/Percentage | Year of Completion |
|--------|-----------|------------------|-----------------|--------------------|
| B.Tech CSE | Pranveer Singh Institute of Technology,Kanpur | AKTU | 8.34 (Till 5th Sem) | Nov 2021 - Jul 2025 |
| Intermediate | Dr. Virendra Swarup Education Center | ISC | 91.00% | 2021 |

## EXPERIENCE

**MAQ Software** | *Associate Software Engineer*                                      **Sept 2024 - Present**
- Developed the **frontend using React.js and TypeScript** and the **backend using C#** for company project. Built a **Dataset Analysis Dashboard** that allows users to select datasets for analysis, leveraging OpenAI to provide valuable insights.
- Implemented a chatbot with **language-based and conversational capabilities** using the Web Chat framework. Successfully migrated the chatbot from the legacy Bot Chat framework to enhance performance and user experience with modern JavaScript.

**Sense Original Technologies Pvt Ltd** | *Frontend Developer, UI/UX Designer*        **May 2023 - Oct 2023**
- Outlined a **comprehensive Customer Relationship Management (CRM) system** from the ground up, focusing on information architecture, user flows, and intuitive interface for operations across sales, legal, and operations departments.
- Built the code for the **Frontend UI** for the **Content Management System (CMS)** to facilitate easy blog management and created a **Responsive Design** for the **SenseOriginal Website**, enhancing user engagement and satisfaction. **Link**.

## SKILLS

**Languages:** Java, Python, Javascript
**Frontend:** HTML5, CSS, Tailwind css, React.js, TypeScript
**Backend and Database:** Express, MySQL, MongoDB

## PROJECTS

**Dataset Analysis Dashboard** | React.js, TypeScript, Azure Function                 **Oct 2024 - Dec 2024**
- Developed a comprehensive Dataset Analysis Dashboard using **React typescript** and backend in **.NET** where we gave user to select from a lakehouse or semantic dataset and ask questions on them. We utilized **Fluent UI** for code UI.
- We utilized **Azure Functions** in the backend, written in **C-Sharp and Python**. We fetched the schema of the dataset, and got query results for that questions for which we presented the insights to the user utilizing the **Chart.js Library**.

**Role Based Todo Application** | React.js, Typescript, Redux                        **Aug 2024 - Oct 2024**
- This application is a role-based task management system designed for efficient task handling, with three types of user roles: **Admin, Team Manager, and Team Member.**. The data is also getting stored on the **local storage**.
- Features added are **Add a Task, Search and Filter Tasks, Statistics Overview, Task Display Formats (List View, Grid View, or Calendar View.)**. Managers can **assign tasks** to team members and admin can do batch tasks as well. **Link.**

**CompileX** | NEXT.js, Tailwind CSS, SCSS, TypeScript, AWS Lambda, Django           **June 2024 - July 2024**
- Implemented **code editor** for compiling and executing c++ code. Designed features to **create and manage coding battles** with custom problems submission. Developed a **real-time dashboard** to display participant progress and event statistics.
- Created a competitive environment where users can solve multiple questions. Teammate deployed the backend on **AWS Lambda** with **Docker** used for **containerization to run compilers**, optimizing resource usage and Scalability. **Link.**

## POSITION OF RESPONSIBILITY

**President, E-Cell/Srajan Club, PSIT**                                              **Aug 2023 - Aug 2024**
- Led a team of over 40 volunteers for a year, organizing 50+ events, focusing on strategic planning and crisis management.

**Technical Head, CSE Department, PSIT IGNITIA 2K23, 2K24**                          **Jan 2023 - Feb 2023**
- Executed 7+ events over 2 days during PSIT's annual fest IGNITIA, showcasing technical innovations.

## ACHIEVEMENTS

- Upcoming 2 Chapters in 2 Internationally recognized Books: Chapter Name: "Future Ahead for Supply Chain Management" (Chapter 4) and Chapter Name: " AI in Robotics " (Chapter 15).
- One of the Authors for one of the ACTA Editorial Volume 9 Jul 2023- Link
- Secured 1st Position in FSM HACKATHON, in FORE School of Management for the project CareerDristi.ai.
- 200+ Questions on LeetCode using Java and Python, also solved SQL Questions on the platform Link.
- Mentored students in E-Cell, fostered them for collaboration for events and provided guidance in developing E-Cell website.