

# DHAIRYA

Software Developer & Tech Enthusiast

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## Overview

A highly motivated software developer with a solid foundation in mathematics and a passion for technology, eager to join a team to contribute my skills, collaborate on real-world projects, and continuously learn new technologies. I aim to apply innovative ideas, enhance my expertise, and grow professionally through hands-on experience in collaborative environments.

## Education

### University of Delhi

Master of computer applications MCA

2023-current

New Delhi, Delhi

### Chhatrapati Shahu Ji Maharaj University Kanpur

Bachelor of Science Mathematics BSc

2020-2023

Kanpur, Uttar Pradesh

## Experience

### RevTrance

May 2024 - July 2024

Frontend Developer Intern

New Delhi

- Worked with REST APIs to retrieve and display data from databases, ensuring seamless integration between systems.
- Optimized application performance using promises and async/await, enhancing user satisfaction with faster load times.
- Designed and implemented responsive UI/UX for web pages, enhanced user engagement and accessibility.

## Projects

### Workflow | *React, Charts.js*

Workflow

- **Interactive Workflow management** : Designed and implemented an interactive workflow editor with dynamic node creation, enabling users to customize node labels, types, and execution times on an infinite canvas.
- Developed features for node connections and properties customization management, including color-coded node types to differentiate between tasks and real-time updates for seamless workflow creation.
- Integrated data persistence and management with local storage support, allowing users to save in browser storage, export data and restore from downloaded workflows in JSON format.
- Built an analytics dashboard with bar graphs, line charts, and pie charts to analyze times and trends across workflows.

### Real Intelligence | *React, API integration*

Real | Intelligence

- **AI Chatbot** : Built an intelligent chatbot powered by the Gemini API, enabling real-time, context-aware communication. This enhanced user interactions by providing seamless and natural conversations.
- Developed a responsive, cross-platform website that ensures seamless performance across various devices.
- Integrated advanced features like recent chats and new chat functionality, allowing users to seamlessly revisit previous conversations, start new ones, and enhance interaction continuity and overall user experience.

### Dev Compiler | *React, CodeMirror*

DevCompiler

- **Web Compiler** : Developed a web-based compiler for executing HTML, CSS, and JavaScript code, providing real-time output for efficient learning, debugging, testing, and front-end code experimentation directly in the browser.
- Designed an intuitive interface for users to experiment with front-end code without external development tools.

## Technical Skills

**Languages:** C, C++, HTML/CSS, JavaScript, SQL

**Libraries/Frameworks:** React, TailwindCSS, Bootstrap, Redux, Charts.js

**Developer Tools:** VS Code, Git, GitHub, Figma

**Skills:** Web Development, Data Structures, Algorithms, Object Oriented Programming

## Achievements and Position of Responsibility

- Secured AIR 18 in CUET PG DU MCA, all-India entrance exam for Master of Computer Applications program - 2023
- Secured 99.37 percentile in Naukri Campus Young Turks, India's largest skill-based contest - October, 2024.
- Earned total of 5 leetcode badges, and solved over 300+ of coding challenges on leetcode, GFG and codestudio.
- Won Photography Competition at Sankalan 2024, Annual fest of Department of Computer Science - March, 2024
- Organized Sankalan 2024, the annual tech fest of the Department of Computer Science at Delhi University - March, 2024