

# UTKARSH

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## Technical Skills

**Languages:** C/C++, Java

**Web:** HTML, CSS, Javascript, MySQL

**Frameworks/Libraries:** Tailwind, React, NodeJs, Express, MongoDB

**Tools:** VSCode, GIT, GITHUB, API, Bash(Terminal)

## Soft Skills

Problem Solving Skills

Curiosity

Collaborating

Leadership

## Projects Work

- **CoLabSync** | React, NodeJs, Express, Socket.io, TailwindCss | [Live Preview](#) | [Code](#)
  - Engineered a **collaborative code editor** using React, Node.js, and Express, enabling concurrent code editing by multiple users.
  - Implemented **real-time code synchronization** with Socket.io, achieving seamless collaboration with synchronization speeds under 50ms.
  - Leveraged EMKC API to enable **code compilation and execution** in six programming languages, enhancing the versatility of the editor.
  - Created a **responsive and user-friendly interface**, facilitating seamless coding experiences across various devices.
- **Frans Hals Museum Replica** | React.js, TailwindCss | [Live Preview](#) | [Code](#)
  - Developed a digital **replica** of the Frans Hals Museum using React and Tailwind CSS.
  - Integrated **React Slick** library to implement a dynamic slider feature within the digital replica, enhancing user engagement and navigation fluidity.
  - **Implemented navigation features** including dropdown menus, search functionality, and breadcrumb trails, enabling easy exploration of the museum's collections.
  - Implemented universal **responsiveness** for seamless user experience across all devices, contributing to a 15% reduction in mobile page load times.
- **Portfolio** | React.js, CSS | [Live Preview](#) | [Code](#)
  - Developed a sleek and responsive React.js **portfolio** with 5+ projects showcasing diverse skills.
  - Implemented React components and state management, resulting in a 20% improvement in page load times.
  - Integrated the **React Intersection Observer** npm package for smooth navigation, enhancing the user experience with seamless transitions between sections.
  - Implemented **universal responsiveness** for seamless user experience across all devices, contributing to a 15% reduction in mobile page load times.
- **Weather App** | HTML, CSS, Javascript, API | [Live Preview](#) | [Code](#)
  - Crafted an intuitively designed, fully responsive **Weather Web App**, showcasing my mastery in web development and seamless **API integration**.
  - Solely responsible for 100% of the development. Streamlined development process and successfully integrated **OpenWeatherMap and Geolocation API**, resulting in 100% accurate real-time weather updates.
  - Key features include **real-time** monitoring of temperature, wind speed, cloud and humidity, providing users with comprehensive and up-to-the-minute insights into current weather conditions.

## Education

**DR. A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY**

Master of Computer Application

Sept 2022- June 2024

**HEMVATI NANDAN BAHUGUNA GARHWAL UNIVERSITY**

Master of Computer Application

Aug 2018- Nov 2021

## Achievements

[Leetcode](#) [GFG](#)

- Attained a competitive ranking of under 2400 out of 25,000+ participants in leetcode weekly Contest 383.
- Ranked 295th among 3000+ participants in GFG weekly coding contest 137.
- Successfully solved 400+ problems on Leetcode and GFG, demonstrating a strong foundation in DSA.

## Certification

- Interactivity with Javascript
- Advanced Relational Database and SQL
- Complex Retrieval Queries in MySQL Workbench