

MOHAMMED SHAGHAF KASHIF

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EDUCATION

Higher Secondary School - Shaheen Independent PU College (Percentage-87)

RNS Institute of Technology - Visvesvaraya Technological University CGPA (8.65)

Bachelor of Engineering in Computer Science and Data Science (2022-2026)

Relevant Coursework: Data Structures and Algorithms, Database Management Systems, Operating Systems, Computer Networks, User Interface/User Experience

TECHNICAL SKILLS

Languages : C ,C++ ,Java ,Python ,HTML ,CSS ,Javascript

Frameworks: TailwindCSS ,ReactJS , NodeJS , ExpressJS

Database: MySQL ,Mongodb

Technology : Git ,Github ,linux , AWS

PROJECTS

FitFusion — *HTML ,TailwindCSS ,JavaScript ,ReactJS ,MongoDB , NodeJS ,ExpressJS*

- a web application using the MERN stack, featuring separate cardio and strength workouts, workout plans, and diet plans.
- Integrated a BMI calculator for personalized health tracking and fitness progress.
- Implemented an intuitive user interface to enhance user experience and fitness journey management.

TextLens — *HTML ,CSS ,JavaScript ,ReactJS ,NodeJS , ExpressJS ,TesseractJS ,Cloudinary*

- Built an image-to-text converter using TesseractJS for optical character recognition (OCR), enabling users to extract editable text from images.
- Developed the frontend with React, Redux, and TailwindCSS for a responsive and user-friendly interface.
- Implemented a Node.js and Express server, integrated with Cloudinary for cloud storage and API-based image processing.

Weather App — *HTML ,CSS ,JavaScript ,ReactJS*

- Developed a fully functional weather application using React that fetches real-time weather data from external APIs. The app provides accurate weather information based on the user's location or a manually entered city.
- Implemented responsive design with CSS to ensure compatibility across various devices.
- Optimized the application's state management using React Hooks like useState and useEffect to handle dynamic data fetching and ensure smooth updates without page reloads.

CERTIFICATIONS AND TRAININGS

- **GitHub Foundations**

- The GitHub Foundation focuses on providing foundational knowledge of Git and GitHub, including version control, collaboration, and repository management. It equips individuals with the skills to efficiently use Git for version tracking and managing projects in a team environment. The certification highlights the use of best practices for Git workflows and version control systems.

EXTRACURRICULAR

- **Analysis Paper: Big Traffic Data Analytics for Smart Urban Intelligent Traffic System**

Abstract: Explored using big data analytics and machine learning to address traffic congestion and accidents. Proposed an Intelligent Traffic Management System (ITMS) to optimize traffic flow, reduce accidents, and improve travel efficiency.