

TUSHAR SHARMA

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CAREER OBJECTIVE

Looking for a role in a reputed organization where I can apply my technical skills to contribute to the company's growth and also gain valuable learning and experience.

EDUCATION

United College of Engineering & Research, Prayagraj

2022 – 2026

B.Tech, Computer Science and Engineering – **CGPA: 7.0**

Prayagraj, India

Shri Mahaprabhu Public School

2020 – 2021

CBSE (12th) – **77.63%**

Prayagraj, India

TECHNICAL SKILLS

Languages: Java, Python, C, C++

Web / Backend: HTML, CSS, JavaScript, React, Node.js, Express, MongoDB

Mobile: Android (Kotlin), Firebase (Auth, Firestore, Realtime DB), Google Maps API, XML Layouts.

Tools & Others: Git, Figma, Cloudinary, PostGIS , Linux.

PROJECTS

Agrosphere / MERN, GIS, Remote Sensing

- Precision agriculture platform integrating remote sensing, GIS and blockchain concepts with a MERN backend for real-time crop monitoring and resource optimization. Presented at uHack 3.0 / Hackathon events.
- Features: crop health monitoring, farmer dashboards, resource recommendation modules and mapping visualisations.

Blood Bank / MERN, REST APIs, MongoDB (<https://mybloodapp.vercel.app>)

- Comprehensive platform connecting **donors, patients, and hospitals** to streamline blood donation and request management with a MERN stack backend.
- Features: **blood availability tracking**, donor and patient dashboards, hospital approval workflows, request management system, finding blood donation camp and data synchronization with government APIs.

INTERNSHIP

UCER (Frontend Training)

2022 – 2023

Farm Techies (AgroEcom) | HTML, JavaScript, CSS, MongoDB

Prayagraj, India

- Developed an agro-based e-commerce platform enabling farmers to list and sell products directly to consumers with a responsive UI. Implemented MongoDB for dynamic, user data handling.

IIT K (MERN Training)

2023 – 2024

T-Store(mini-playstore) | React, Node.js, MongoDB, Cloudinary | Live demo: tusharstore.xyz.

- A mini-playstore web application for listing apps. Built React frontend and Node.js + MongoDB backend with Cloudinary for media hosting, simulating real-world app marketplace functionality.

NetCamp (Android & Network)

2024 – 2025

WhereU (Android App) / Kotlin, Firebase, Google Maps API | Live demo: github.com/TUsharSHarmma/TrackLocation

- Android app for near real-time location tracking and retrieval of last 6 hours visited locations. Implemented Firebase-based real-time updates, map visualisation and location history features. Based on Friend Request Accepting Permissions with Advanced UI_UX graphical interface.

IFFCO, Phulpur (Industrial Training)

2025 – 2026

Trainee

Phulpur, India

- An industrial training, gaining hands-on exposure to enterprise-level IT systems, software tools, and networking practices.

EXTRACURRICULAR & ACHIEVEMENTS

Full Stack Development – MERN (UCER): Completed 60-hour training of intensive MERN stack program.

2022

Udbhav Tech Fest (MNNIT): Room Dekho selected among Top 20 teams at Udbhav Tech Fest.

2023

Industrial Training (NetCamp): In Network Management, Android Development

2023

Hack 3.0 (UCER): Agrosphere placed in Top 10 teams at Hack 3.0 (UCER).

2024

IFFCO (Phulpur): Completed industrial training as a, gaining exposure to enterprise-level IT infrastructure, networking systems, and software practices.

2025