HARSH KUMAR

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EDUCATION

BTech in Computer Science Engineering at Goa Engineering College, 2020 - 2024. CGPA - 8.3.

WORK EXPERIENCE

Frontend Intern (React) at Gfial (Oct 2022 - Jan 2023) | **React, Redux, CSS**

- Utilized React and Redux to develop a rejection system
- Revamped UI, restructured components, and resolved UI glitches, leading to improved page functionality.
- Anticipated a 25% increase in user engagement through the implementation of UI enhancements.

PROJECTS

GCET app | **Java, Xml, Firebase**

- Developed an Android app using Java and Firebase to help students prepare for the GCET entrance exam, featuring tests, rank prediction, paper downloads, and tips.
- Achieved **1.2K+ downloads** on the Play Store and **mentored 100+ students** in their exam preparation.

FreshCart | **React, Express, MongoDB, Node**

- Built a full-stack MERN web app with **CRUD** functionality, including a machine learning (**ML**) recommendation system, daily deal and recipe feature, user authentication, and admin/user roles.

RideEasy | **Nextjs, Express, MongoDB, Node**

- Developed a scalable Cab Management System utilising microservice architecture and implementing micro frontends.
- Consisted of three microservices: Driver detail, Cab detail and Management detail.

Have worked on **5+ real-world** projects. More Projects and GitHub.

CODING AND ACHIEVEMENTS

- CodeChef: highest rating – 1704 (3*). Solved **300+** problems across various platforms.
- **First place** in intra-college coding competitions **twice** at GEC in the Computer and IT departments.
- **2nd** place in the inter-college coding competition by the ETC department, GEC.
- Winner of **two** hackathons - HackOverflow (**IIT Goa**) and Webathon (Chowgule).

SKILLS

- **Web Development** (Experienced): HTML, CSS, JavaScript, tailwind, MERN, Redux.
- **Android Development** (Competent): Java, Kotlin, Database (SQLite, ROOM, Firebase).
- **Other Skills**: Git, Unreal Engine 4, OpenCV, Arduino.
- **Programming languages**: C++, JavaScript, Python.

CERTIFICATION AND VOLUNTEER EXPERIENCE

- Competitive coding coordinator for Technix 2023.
- Volunteered for the Ironman Goa Sports event.
- Completed the GDSC Android boot camp.