HARSH GUPTA
(SOFTWARE DEVELOPER)

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EDUCATION

Jain (Deemed to be University)	**June 2023 - (Present)**
Master of Computer Application – AI/ML	**Current** CGPA 8.0
Lovely Professional University	**Apr 2020 - May 2023**
Bachelor of Computer Application – Application Development	CGPA 8.55

SKILLS

Technical: Data Structures and Algorithms, Object Oriented Programming, Machine Learning

Languages: C++, Python, Java

Frontend: ReactJs, NextJs, HTML5, Tailwind CSS, Flutter, React Native

Backend: NodeJs, Express, Mongoose, Dart , Mongodb

Database: MongoDB, MySQL

Other: Git/GitHub, VS Code, Jupyter Notebook, MS Office, Azure, Fullstack (MERN), Version Control

EXPERIENCE

Software Development (Internship) - Naturemark Systems – Remote   **Apr 2024-May 2024**

- Deployed as a Software developer placed on there Marketplace Building Team for Carbon Credit Verification and Sale and Purchase, Improved the API's response by 20% by adding the filters to remove unwanted responses.
- Optimize the Images in Marketplace to load 20% faster and smoother also added the Tailwind CSS which saves times while building the Marketplace.

Web Developer(Internship) - Suvidha Foundation – Remote   **Oct 2023 - Nov 2023**

- Engineered a custom web tool for Admin to streamline the offer letter distribution process, resulting in a 40% increase in candidate response rate and 50% faster time-to-hire.

PROJECTS

Prompt GPT:- *[Live | GitHub]*   **Apr 2023**

Technology used: NextJs, Tailwind, MongoDB, NodeJS

- Developed a cutting-edge AI prompt-sharing web application with features such as dynamic tag assignment, user profile browsing , Public Dashboard.
- Enhanced user engagement and organization through interactive tagging and public/private sharing modes.
- Implemented efficient backend solutions with NodeJS and MongoDB for seamless data management and fast retrieval.

Navaritih Student Forum:- *[Live |GitHub]*   **Nov 2023**

Technology Used:- NextJs, HTML5, Tailwind CSS

- Fully responsive web application created for the Navaritih Student Forum and Increase the Presence of the Student Forum by 100% at same time Increase the registration by 80%.

Smart Home Automation and Short Circuit Prevention (Patent Filed)   **Jan 2023**

Mobile Application: React Native Backend: Firebase

Working prototype component: NodeMcu, Voltage Sensor, Relay

- Developed a smart home system with short circuit prevention, increasing safety by 30%.
- Established a reliable communication channel between NodeMCU and Firebase for instant updates.
- Implemented strong authentication and authorization, ensuring 99.9% data security.
- Utilized sensors and relays to detect and mitigate short circuits, reducing electrical hazards by 40%.

SuperHero Wiki :- *[Live | GitHub]*   **Mar 2023**

Technology Used:- ReactJs, React APIs, HTML5, Tailwind CSS

- Fully adaptive web application encompassing the entire superhero universe, including comics, movies, and TV shows.
- Built with React APIs for fetching pictorial and descriptive data consist of more then 1000 different superhero's and villains, delivering comprehensive insights to users.

CERTIFICATION

- Web Development (Intershala)
- Data Structure in C (GreatLearning)
- Software Engineering (Infosys Springboard)
- Design Patterns & Software (Infosys Springboard)

ACHIEVEMENTS

- Participated in The Great India Hackathon.
- Organized India Tour of Open Source Hackathon "Punjab Edition"
- Participated in INNOTEK 2023