

HARSH

+91 8130921810 ◇ Delhi

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EDUCATION

Year	Degree	Institute	CGPA/Percentage
2021-Present	B.Tech(Electrical Engineering)	Netaji Subhas University of Technology, Delhi	6.77/10
2021	CBSE (XII)	Bharti Public School, Delhi	81.60%
2019	CBSE (X)	Bharti Public School, Delhi	84.80%

SKILLS

- **Languages:** C/C++, Java, Python, SQL, JavaScript, TypeScript, HTML
- **Databases:** MySQL, Firebase, MongoDB
- **Frameworks/Technologies:** SpringBoot, RestAPI, Tailwind, Bootstrap, React, Next.js, Git, Github, Docker
- **Problem Solving:** Data Structure and Algorithm, Low level Designing

EXPERIENCE

Quantitative Research Consultant Internship

Dec 2023 - Mar 2024

WorldQuant

- Developed **financial models** that boosted trading performance by 15%, reduced data extraction time by 20% globally.
- Achieved a **30% boost in predictive accuracy** using **machine learning algorithms** on vast financial datasets.
- Enabled data-driven decisions by **managing vast datasets**, collaborating in a team focused on timely predictions.
- Optimized **statistical methods** that enhanced **trading profitability by 25%** on **datasets of over 50k records**.
- Improved **financial reporting efficiency by 20%** through automating data processing with advanced analytics.

PROJECTS

Imaginify

([GitHub](#))

- Designed a full-stack AI SaaS platform with **generative fills, background removal, and object editing features**.
- **Enhanced user engagement** by 30% and significantly **reduced image editing time by 50%** for over 500 users.
- Ensured a seamless user experience by balancing performance and **features to tackle user retention challenges**.
- Expanded platform's abilities by integrating a third-party API, which **improved data processing speed by 30%**.

Live-Docs

([GitHub](#))

- Facilitated simultaneous **editing, creation, and sharing of documents** with a real-time collaborative text editor.
- Elevated **document-sharing efficiency by 40%** for over 100 users through **real-time simultaneous editing**.
- Improved **server performance, reduced response times** through optimization techniques for smooth interaction.
- Launched **5 new features with product managers and designers**, boosting user activity, engagement by 40%.

Gesture-Controlled Media Player

([GitHub](#))

- Achieved **95% accuracy in gesture detection**, boosting user interaction by 20% with media command translation.
- Implemented a gesture system with **MediaPipe and OpenCV for dynamic media control using finger-counts**.
- Ensured **gesture-based commands for play, pause, forward, and rewind**, improving media playback experience.
- Streamlined **gesture recognition, cutting latency by 50%** for smoother and **more responsive media control**.

ACHIEVEMENTS

- **Adobe GenSolve Hackathon 2024** : Qualified round 2 ranked in the **top 5%** among **72,000 participants**
- **Super Alpha Competition 2024** : Achieved a **global rank of 34**, among **86,000 consultants** by **WorldQuant**
- **Leetcode** : Solved over **700+ DSA problems** , with a **consistency of over 350 consecutive days**
- **CodeChef** : **3 star coder** and achieved a **highest contest rating of 1629**
- **Leetcode** : Secured a **highest contest rating of 1731** , landing in the **top 10%** leetcode globally