

# HARSH VISHWAKARMA

COMPUTER SCIENCE MAJOR

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## Skills

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**Industrial Knowledge** : Web Development, Database, OOPs, Data Structures & Algorithm ,Team Building  
**Technical Skills** : C/C++, Python,SQL,JavaScript,Java React,Node,Express,Mongodb,FireBase  
**Languages:** : Fluent in Hindi and English

## Education

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**Bharati Vidyapeeth's College of Engineering** New Delhi, 2021–2025

- Bachelor of Technology (Computer Science & engineering ) CGPA: 9.3<sup>i</sup>

**Montfort School, Roorkee** Roorkee, 2018-2020

- High School & 12th

## Projects

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**OneDrop** (Sept 2023)

- Implemented file upload and storage with **automatic deletion after 30 minutes**, ideal for secure and ephemeral sharing.
- Built a user-friendly interface using **React** to facilitate drag-and-drop file selection and easy sharing using Numeric code.
- **Streamlined interface** on smartphones and tablets led to more file uploads and shares.

**EditorCollab** (Dec 2022)

- Conceptualized and developed a **real-time collaborative text editor**, enabling simultaneous editing and viewing of changes in a shared document.
- Implemented **Web Sockets and Socket Programming** to create a responsive synchronization system

**Text Summarizer** (July 2023)

- Worked on a Text Summarize model using **LSTM** and **Seq2Seq** modeling .
- Analysed & Implemented data processing using regular expression-based pipeline to clean and pre-process the training data, which **improved the data quality by 5%**

[More Projects...](#)

## Achivement and Certification

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- [Data Structures and algorithms](#) and complete C++ course coding blocks [February 2023]
- Complete [WebDevelopment Udemy By Angela Yu](#) [December 2022]
- **Attended a 25+ days in-house training program** on the fundamentals of **data science, machine learning, and deep learning**. Learned ML & DL algorithms, including **regression, KNN, and RNN**.
- **Hacktoberfest 2022** :Collaborated with a team to develop a **real-time quiz platform**, Also developed a timer module that **improved performance by 15%**.
- Participated in HackTheCrisis 3.0 **achived Top 10 out of 150+ Teams**. Successfully implemented and deployed **Blockchain based Property registration System**.
- Out of **100+** team all over India became **Top 5** finalist in Web-D-Verse

## Experience & Contribution

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- Authored and Presented **research paper on "Advances in Text Summarization Techniques: A Comprehensive Review and Future Prospects"**
- Collaborated with a team to develop a system to **translate websites to regional languages** for the **Smart India Hackathon (SIH)** problem statement, creating **scalable and userfriendly interface**

## Co-Curricular Activities

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- Contributed and organized various society and college level events a **tech seminars for 500+** attendees and fun fair for **1000+ students**.