

ABHISHEK JOSHI

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🌐 [portfolio website](#)

Education

Graphic Era Hill University <i>Bachelor of Technology in Computer Science and Engineering, CGPA - 8.6</i>	Oct. 2021 – May 2025 <i>Dehradun, Uttarakhand</i>
Holy Wisdom School Maneshwar <i>Senior Secondary Education, CBSE- 86.8%</i>	2020 <i>Champawat, Uttarakhand</i>
Holy Wisdom School Maneshwar <i>Secondary Education, CBSE- 80.2%</i>	2018 <i>Champawat, Uttarakhand</i>

Projects

Notionize <i>Next.js, Typescript, Socket.io, Tailwind css, Supabase, Redux, PostgreSQL</i>	Project Link - Notionize
<ul style="list-style-type: none">Designed a intuitive SaaS platform where users can create, manage, and share workspaces with different collaborators.Added folder and file management features inside each workspace, including the ability to create, rename, delete, and organize folders and files, all synced in real-time.Designed a system that allows automatic and real-time saving of any changes made to files or folders across workspaces.Enabled multi-server data consistency, so updates made on one server reflect on all others without delay.Introduced real-time cursors for each collaborator, allowing users to see where others are actively working.Integrated Stripe for subscription management, offering premium features such as additional storage, more collaborators, and many other benefits.	
Distributed File Management System <i>Golang</i>	Project Link - DFMS
<ul style="list-style-type: none">Developed a robust Distributed File Management System using Golang, leveraging Go's concurrency model for efficient file storage and retrieval across multiple nodes.Implemented RPC for efficient inter-service communication between distributed components.Designed and implemented a custom storage layer using Go's I/O packages to handle large file operations, optimizing read/write speeds for distributed data.Implemented efficient file encoding and decoding mechanisms using Go's encoding/gob package	
DigitDetect <i>OpenCV, Matplotlib, Tensorflow, Tkinter, Numpy</i>	Project Link - DigitDetect
<ul style="list-style-type: none">Created a Handwritten Digit Recognition desktop application using OS and Tkinter for the GUI.Utilized ImageGrab for capturing handwritten digits drawn on the screen.Implemented image preprocessing and digit recognition using OpenCV and TensorFlow.Visualized the results using Matplotlib.Demonstrated proficiency in image processing, machine learning, and GUI development.	

Technical Skills

- Languages - HTML, CSS, Javascript** (proficient), **C** (proficient), **C++** (proficient), **Python, Java, SQL**.
- Technologies / Frameworks** - ReactJS, NextJS, Socket.io, ExpressJS, NodeJS, PostgreSQL, REST API, MongoDB, Supabase, TailwindCSS, Git, Github.
- Course Work** - Data Structures and Algorithms, Object Orinted Programming, Database Management System, Deep Learning, Natural Language Processing.

Achievements

- Finalist of U-Hackathon 4.0-Meta** | Aug 2023 - Sep 2023
 - Our team got Shortlisted for finals and ranked among the top 25 teams out of 300.
 - Our team enhanced the **online learning experience** by building a **full-stack Learning Management System** (LMS) web application.
- Coding Profiles** | present
 - Achieved rating of 2000+ and awarded a prestigious Knight badge on LeetCode.
 - solved 1600+ DSA problems on Leetcode | **Leetcode Profile Link**
 - 1200+ Score on GeekForGeeks | **GFG Profile Link**