# Авнізнек Joshi

Dehradun, Uttarakhand 248002

portfolio website

#### Education

Graphic Era Hill University

Oct. 2021 - May 2025

Bachelor of Technology in Computer Science and Engineering, CGPA - 8.6

Dehradun, Uttarakhand

Holy Wisdom School Maneshwar

2020

Senior Secondary Education, CBSE-86.8%

Champawat, Uttarakhand

Holy Wisdom School Maneshwar

2018

Secondary Education, CBSE- 80.2%

Champawat, Uttarakhand

## **Projects**

Notionize | Next.js, Typescript, Socket.io, Tailwind css, Supabase, Redux, PostgreSQL

Project Link - Notionize

- 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.

Gen AI | OpenAI, Typescript, Next.js, MongoDB, Cloudinary

Project Link - Gen AI

- Developed a AI based Image generating app, using Next.js and typescript for cross-platform compatibility.
- integrated the OpenAI API into the backend to create high-quality images based on user-entered prompts
- Implemented features such as creating Images, sharing images to all and downloading images from the community
- Demonstrated proficiency in Web development and OpenAI

**DigitDetect** | OpenCV, Matplolib, Tenserflow, Tkinter, Numpy

Project Link - DigitDetect

- Created a Handwritten Digit Recognization 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 Oreinted 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 2100+ and awarded a prestigious Knight badge on LeetCode.
  - solved 1700+ DSA problems on Leetcode | Leetcode Profile Link
  - 1200+ Score on GeekForGeeks | **GFG Profile Link**