

# Harman Singh Malhotra

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## Education

### University of Petroleum and Energy Studies (UPES)

B.TECH IN COMPUTER SCIENCE

GPA: 3.65

Dehradun, IN

Jun 2021 – Jun 2025

## Experience

### UPES - CSI Student Chapter

ASSOCIATE DESIGN & VFX HEAD

- Led a team of 9 designers and visual effects artists, overseeing all aspects of design and VFX over 20+ projects
- Implemented design strategies and maintained brand consistency across 20+ projects and increased brand awareness by 30%.
- Collaborated over 15+ events associated with the community like Hackathon 7.0, Yugmak 20

Dehradun, IN

Aug 2022 – Present

### Apna Roti Bank

DESIGN INTERN

- Executed design strategies and upheld brand coherence across a diverse range of over 15+ project
- Streamlined project timelines for 15+ concurrent projects
- optimizing resource allocation and consistently achieving on-time delivery of deliverables within budget constraintss, reduced project delays by 40%

Dehradun, IN

Jun 2022 – Aug 2022

## Skills

**Programming Languages:** JavaScript, C++, React, HTML5, CSS3, MongoDB, Python, Node.js, Express.js, Tailwind css

**Version Control:** git, github

**Adobe Suite:** Adobe Photoshop, Adobe Illustrator, After Effects, Adobe Premier Pro

**Google Suite:** Google Docs, Google Drive, Google Sheets, Google Slides

**Soft Skills:** Consistent, Cooperative, Collaborative

**Languages:** English, Hindi

## Projects

### GraphPathGuru

AN INTERACTIVE REACT APP WITH A C++ BACKEND FOR VISUALIZING AND UNDERSTANDING SHORTEST PATH ALGORITHMS. IT AIDS EDUCATION, ALGORITHM TESTING, AND PRACTICAL ROUTING SCENARIOS, CATERING TO STUDENTS, EDUCATORS, RESEARCHERS, AND PROFESSIONALS.

React, C++, Node.js, tailwind css

<https://graph-path-guru-test.vercel.app/>

### NoteHaven

DESIGNED NOTEHAVEN, A SOPHISTICATED CLOUD-BASED NOTEBOOK APP OPTIMIZING TASK MANAGEMENT WITH AUTOMATIC TO-DO LIST GENERATION FROM USER NOTES. FACILITATES SEAMLESS CLOUD-BASED NOTE ACCESS AND SYNCHRONIZATION.

React, MongoDB, JavaScript

<https://note-haven-h-sm.vercel.app/>

### Chatify

CHATIFY IS A FEATURE-RICH CHAT APPLICATION DESIGNED TO ENHANCE COMMUNICATION AMONG INDIVIDUALS. THIS APPLICATION PROVIDES A SEAMLESS CHATTING EXPERIENCE ACROSS MULTIPLE PLATFORMS HAVING INTUITIVE USER INTERFACE AND ROBUST FUNCTIONALITY

Typascript, Next.js, MongoDB

<https://chatify-phi.vercel.app/>

### Deep Face Detection Model

A DEEP LEARNING VERIFICATION MODEL DESIGNED FOR ROBUST AND PRECISE FACE RECOGNITION. LEVERAGING ADVANCED CONVOLUTIONAL NEURAL NETWORKS AND FEATURE EXTRACTION TECHNIQUES.

Python, kivy, jupyter

[https://github.com/H-](https://github.com/H-SM/deep_face_detection_model)

[SM/deep\\_face\\_detection\\_model](#)

## Certificates & Acheivements

Oct 2023 **Hactoberfest '23**, Recognized contributions over variable Open Source

DigitalOcean

Jun 2023 **Front End Development Libraries**, Creating and styling applications

FreeCodeCamp

Feb 2023 **JavaScript Algorithms and Data Structures**, Overlooked JavaScript fundamentals

FreeCodeCamp