



VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY, NAGPUR

HARSHAL DESHPANDE

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Portfolio : <https://harshaldeshpande01.github.io/>

(Postal Address : G-102 Gandharva Soc., Vishalnagar, Pune-411027.)

OBJECTIVE

Computer Science student with excellent academic record and programming skills. Web dev. enthusiast.
Committed to life-long learning. Looking forward to work in a competitive organization to apply and expand my skills.

ACADEMIC QUALIFICATION

Enrollment no : BT18CSE079

Branch of Study : Computer Science & Engineering

Current CGPA : **8.15/10**

QUALIFICATION	INSTITUTE	YEAR	SCORE/SGP A	CGPA
B.Tech. 4 th Semester	Visvesvaraya National Institute of Technology, Nagpur	2020	-	-
B.Tech. 3 rd Semester	Visvesvaraya National Institute of Technology, Nagpur	2020	8.04 of 10	8.15 of 10
B.Tech. 2 nd Semester	Visvesvaraya National Institute of Technology, Nagpur	2019	7.86 of 10	8.21 of 10
B.Tech. 1 st Semester	Visvesvaraya National Institute of Technology, Nagpur	2019	8.57 of 10	8.57 of 10
CLASS XII(HSC)	SNBP Jr college / HSC	2018	92.15%	N.A
CLASS X(SSC)	K.Bajaj School / SSC	2016	95.0%	N.A

PROJECTS/ACTIVITIES (Portfolio : <https://harshaldeshpande01.github.io/>)

● **Sorting Visualizer** April / 2020

Live Demo : <https://wonderful-ptolemy-bed097.netlify.app/>

View Code : <https://github.com/harshaldeshpande01/SortingVisualizer>

Objective : Visualize working of different sorting algorithms.

Details : Used CSS animations to demonstrate the algorithms. Select a algorithm and visualize. Reset and repeat.

Tech stack : 1:)Using ReactJs for frontend 2:)HTML/CSS

● **PathFinder** May / 2020

Live Demo : <https://practical-benz-8a0ad1.netlify.app/>

View Code : <https://github.com/harshaldeshpande01/Pathfinding-Visualizer>

Objective : Visualize working of different pathfinding algorithms.

Details : Using CSS animations to demonstrate the algorithms.

Select a algorithm and heuristic.

Add walls (obstacles) using your cursor.

Use random grid button to generate a random maze.

Visualize. Reset and repeat.

Tech stack : 1:)Using ReactJs for frontend 2:)HTML/CSS

● **RealTime Chat App** **June / 2020**

Live Demo : <https://eloquent-clarke-26ee61.netlify.app/>

View Code : <https://github.com/harshaldeshpande01/Chat-App-ClientSide-NoDB>

Details: Join or create a chat room and chat in real time. Fully responsive website.

Tech stack: ReactJs for frontend

HTML/CSS and JavaScript

Express and NodeJs for backend

Socket.io for realtime data transfer

● **Movies Website(Amazon Prime clone)** **March / 2020**

View Code : https://github.com/harshaldeshpande01/Java_amazonprime_clone

Details : You can view trailers of multiple websites fetched from an API once you Login / register (Fully responsive)

Tech Stack : HTML/CSS and Javascript for frontend

Java servlets for backend, Apache server and MySql database.

Ajax for realtime changes.

● **Graph Algorithms** **March / 2020**

View Code : https://github.com/harshaldeshpande01/Graph_Algorithms

Details : Implemented all graph algorithms using adjacency list in C language. (DFS, BFS, Topological sort, Dijkstra's, graph is empty, graph is connected, Add/Delete Node, Add/Delete Edge).

COMPUTER PROFICIENCY

- **Programming Languages:** C++ , C , Java , JavaScript , Python(basics).
- **Website Designing :**
 - Frontend : HTML5 , CSS3 , JavaScript , ReactJs , Bootstrap , Git , Responsive/Mobile Design
 - Backend : NodeJs , ExpressJs , Java , Python(basics) , PHP(basics).
- **Database Management:** MySql.
- **Operating Systems** : Windows and Linux
- **Software Packages:** Microsoft Office , Google Docs & Spreadsheet , Outlook , Skype.

EXTRA CURRICULAR ACTIVITIES

- Member of Octaves Music Club of VNIT.
- Played guitar in Institute Gathering 2018 & 2019 and other cultural events.
- Participated in football intramurals VNIT 2018.

I hereby acknowledge that the information furnished above is correct to the best of my knowledge.

(Harshal Deshpande)