

Hridey Verma

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EDUCATION

CHITKARA UNIVERSITY OF ENGINEERING AND TECHNOLOGY

B.E in Computer Science
Oct 2024 | CGPA: 9.72
Rajpura, India

AKSIPS-41, CHD

XIIth
March 2020 | Cum Per. 83.80
Chandigarh, India

D.A.V PUBLIC SCHOOL

Xth
March 2018 | Cum Per. 90.00
Malerkotla, India

PROFILES

Leetcode:// [Hridey79](#)
LinkedIn:// [Hridey Verma](#)
Github:// [Hridey79](#)

COURSEWORK

UNDERGRADUATE

Data Structures
Operating Systems
Artificial Intelligence
Database Management Systems
Design and Analysis of Algorithm
Computer System Architecture
Problem Solving Using Python
Advanced Web Development

SKILLS

LANGUAGES

- Python • C++ • Javascript
- SQL

WEB DEVELOPMENT

- React.js • Next.js • Redux
- MongoDB • Express.js • Node.js
- HTML • CSS • Flask

DATABASES

- MongoDB • PostgreSQL • MySQL

HOBBIES

- Competitive Programming • Chess
- Badminton

EXPERIENCE

RUDE LABS | Systems Engineer Trainee

Dec 2024 – Present | Remote

- Developed and deployed a production-grade application using React and Firebase, ensuring scalability, reliability, and seamless user interactions.
- Collaborated with the development team and participated in client meetings, gathering requirements and delivering tailored solutions that met business objectives.

PROJECTS

PATH FINDING ALGORITHM VISALIZER | HTML | CSS | Javascript

- Built an interactive pathfinding visualizer with adjustable start/end points, obstacles, and animation speed for deeper algorithm insight.
- Enabled real-time exploration of BFS, DFS, Dijkstra's, Greedy Best-First Search, and A* using vanilla HTML, CSS, and JavaScript.
- Live Link:- <https://hridey79.github.io/Path-Finding-Algo-Visualizer>
- Source Code:-<https://github.com/Hridey79/Path-Finding-Visualizer>

SPOTIFY CLONE | Next.js | Supabase | PostgreSQL | Tailwind CSS

- Developed a full-stack Spotify clone with features to upload, stream, and search for MP3 songs.
- Integrated Supabase authentication with support for magic links and password reset functionality.
- Source Code: github.com/Hridey79/Spotify_Clone

LEARNING MANAGEMENT SYSTEM (LMS) | React.js | Node.js |

Express | MongoDB | Tailwind CSS

- Built a full-featured Learning Management System allowing users to create, browse, and filter online courses.
- Integrated PayPal for secure and seamless payment processing.
- Source Code: github.com/Hridey79/LMS

ACHIEVEMENTS

TOP 10 GOOGLE OCTAHACKS 4.0

- Created a food recommendation engine. Worked in a team of 4 to provide an environment to sell and purchase various snacks and consumables in campus.

FIRST RUNNER UP SAP-AI HACKATHON

- Built a Chat bot via the SAP portal in a team of 4 which provides information in current trends in cryptocurrency.

EXTRACURRICULAR ACTIVITIES

GOOGLE DEVELOPER STUDENT'S CLUB C.U.I.E.T

- Explored real-world ML problems in a student team, gaining experience in collaboration, communication, and project execution.