

HRITIK RAJ

Bachelor of Technology in Computer Science and Engineering IIT (ISM) Dhanbad

#19JE0378

Contact: +91-7992242945

@ hr31cr2rathore@gmail.com

LinkedIn: <https://www.linkedin.com/in/hritikraj31> GitHub: <https://github.com/hritikraj31> Portfolio: <https://hritikraj31.github.io/>

PROJECTS

JotIt

OCTOBER 2020

- A Visual Studio Code Extension for maintaining notes.
- Functionality for adding images, text and links present.
- User can save their notes along with tags for easily searching and can access them simply by a shorthand key.
- Backend of this project uses Nodejs and VSCode extension API. For smooth saving of the document a lightweight database (nedb) has been used. UI has been made with HTML, CSS and JavaScript.
- **GitHub Link** - <https://github.com/hritikraj31/jot-it>

AlgoVisualizer

JUNE 2021

- Visualizes shortest path algorithms (Dijkstra and A*) on a grid.
- User can create maze themselves by toggling grid cell to wall, or by using the Maze Generation Algorithm (Recursive Maze division and Prim's Algorithm).
- Neat code with modular structure (prototype-based) in JavaScript.
- **GitHub Link** - <https://algo-visualizer-1.herokuapp.com/>

NotesApp

APRIL 2020

- A Website for making and managing notes.
- Includes an online editor which have several tools like font, bold, color, list etc.
- Backend of this project uses Nodejs and Express in server. The user's information along with his notes are stored using MongoDB database. For serving the html files EJS template have been used. UI is only made with HTML, CSS and JavaScript.
- **GitHub Link** - <https://github.com/hritikraj31/notesapp>

EDUCATION

Indian Institute of Technology (ISM) , Dhanbad

B. Tech in Computer Science and Engineering
JULY 2019 - PRESENT CGPA- 9.04

D.A.V Public School, Khagaul, Patna CBSE - 12th

APRIL 2018 - APRIL 2019 Percent- 95%

D.A.V Public School, Khagaul, Patna CBSE - 10th

APRIL 2016 - APRIL 2017 CGPA- 10

SKILLS

Programming Languages	C++, C, JavaScript
Web Development	NodeJS, Express, React JS, HTML, CSS, Bootstrap
Database	MongoDB, MySQL
Tools	Git, Postman
Strengths	Quick Learner, Analytical and Logical Skills, Interpersonal skills

ACHIEVEMENTS

- **Sports Programming**
 - **Codeforces** – [Expert](#) (1733) – hritik31
 - **CodeChef** - [5 Star](#) (2127) - hritikraj31
- Achieved Global Rank 184 in Codeforces Round 715
- Secured AIR 2728 (General) in JEE Advance 2019

CLUBS

- Member of Web Development Division, CyberLabs, IIT (ISM) Dhanbad