AYUSH BASAK
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LNMIIT
The LNM Institute of
Information Technology

KEY EXPERTISE / SKILLS

Javascript · Node.js · React.js · HTML5 · CSS · DSA · Git · CPP · Python · DBMS · TypeScript

EDUCATION

LNM Institute of Information Technology   2019 - 2023
B.Tech. - CCE | CGPA: **7.29 / 10.00**

St. Paul's Church College   2018
12th | Percentage: **88.00 / 100.00**

10th | Percentage: **95.00 / 100.00**

PROJECTS

ChotaURL

Key Skills: React.js · PostgreSQL · Express.js · Sequelize · TailwindCSS

a URL shortener / Pastebin service
- created rest API using ExpressJs to create shortened URLs and Pastebins
- wrote CRUD operations using Sequelize ORM [PostgreSQL]
- created frontend web interface using ReactJs and TailwindCSS
- added AES encryption to pastesbin, to secure breach of confidential data.
- added periodic data deletion feature, to flush out old data

raycaster2D

Key Skills: CPP · SFML

2D ray casting simulation
- implemented graphics using SFML (Simple and Fast Multimedia Library)
- implemented ray collision logic for objects to interact with each other
- created executable for Windows OS
- implement a system to convert 2D ray casting data to 3D [currently incomplete]

PERSONAL INTERESTS / HOBBIES

- Web technologies (Backend Oriented)
- Computer Graphics
- Game Development

WEB LINKS

- Github - https://github.com/ayushbasak
- LinkedIn - https://www.linkedin.com/in/ayushbasak/
- Codechef - https://www.codechef.com/users/ayushbasak
- Personal - https://ayushbasak.tech

PERSONAL DETAILS

Gender: Male
Current Address: Bodla, Agra, Uttar Pradesh, India - 282007
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