Rudhra Deep Biswas

Personal-Portfolio **G**

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EDUCATION

VELLORE INSTITUTE OF TECHNOLOGY, VELLORE

B.Tech in Computer Science
2020-2024 | Vellore, India
College of Engineering
Current GPA: 8.55

ARMY PUBLIC SCHOOL

Higher Secondary
Marks: 93.1
Grad. May 2020| Kolkata, India

LINKS

LinkedIn **in** : // rudhradeepbiswas
Github **○** : // rudeUltra
Leetcode ▲ : // rudeultra
Porfolio **G** : // rudeultra.github.io

COURSEWORK

UNDERGRADUATE

Data Structures and Algorithms
Operating Systems
Database Management Systems (DBMS)
Object Oriented Programming OOPS
Networks and Communication
Design and Analysis of algorithms
Artificial Intelligence
C++ Programming
Python Programming

SKILLS

PROGRAMMING

Languages
• Advance - C++, JavaScript
• Intermediate - Java, Python, C
• Novice - PHP, MATLAB
Frameworks and Library
• React.JS • Node.JS • OpenCV
• Bootstrap • Tailwind CSS
Web
• HTML5 • CSS • PHP • Mongoose
• Express • AWS • AWS API Gateway
Database
• MySQL • MongoDB •DynamoDb
Tools
• Git/Github • Linux • Figma

CERTIFICATES
• Execute Hackathon DTU 2022
• Devpost Cognition Hackathon 2022

PROJECTS

KUEBIKO   A React-based Book Reader and writer website (Fullstack)
React.JS | Node | MongoDB | JavaScript | HTML/CSS | Bootstrap | MERN stack
• Users can Signup and read a variety of books of different genres, Upload new Books to the website and save their favorite Novels/Books all Books are stored on the MongoDb database
• Use the Text-to-Speech function for reading books as Audio Books.
• Github Link **○**

DROWSINESS DETECTION SOFTWARE   for drivers using Artificial Intelligence
Python | OpenCV | Django | dlib library | Javascript | HTML/CSS
• Prevents road accidents by alarming the driver when he/she feels drowsy.
• Detects the Drivers face with the camera using dlib library and calculates the Euclidean distance to determine whether the driver is yawning or blinking slowly.
• Github Link **○**

FOOD DELIVERY APP | Food Delivery Application
React.JS | FireBase | TailWindCSS | Bootstrap | HTML/CSS
• Dynamic User Interface | Users can select food items and add them to the cart for ordering | All orders are stored on Firebase
• Meals Data is fetched through an API call | New Items can easily be added | All the Meals Data is stored in the Database
• Github Link **○**

INTERVIEW-AI Web Application | Records and Analyzes Interviews using ChatGPT to provide feedback and suggestions
React.JS | OpenAI API | Node.JS | Express | MongoDB | Chakra-UI
• Records the Interview converts the audio into text | Sends an API call to the server with the text to display the Feedback
• Server accesses ChatGPT using the OpenAI API and receives the response.
• Github Link **○**

EXPERIENCE

MERCOR.IO US-BASED REAL ESTATE STARTUP Back-End Developer | Full-Stack Developer

Harvard Innovation Labs via the Venture Program
• Developed Entire Back-End infrastructure on AWS creating API gateways with Lambda function to create REST API's using Node.JS and DynamoDB
• Added multiple functionalities including Email and Voice call automation with AI Python script | FrontEnd Design using React Native

OPEN SOURCE CONTRIBUTION Social Summer Of Code 2022

Full Stack Web Developer

ACHIEVEMENTS

• LeetCode 600+ Problems Solved Contest Rating 1700+ **G**
• GitHub 1000+ Contributions **○**