

RAVI KANT SINGH

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Education

National Institute of Technology,Durgapur

Bachelor of Technology in Computer Science (CGPA : 7.98)

August. 2020 – June 2024

Durgapur, West Bengal

Central Model School ,Barrackpore

Intermediate (Percentage : 71.5 %)

May. 2016 – May 2018

Barrackpore, West Bengal

West Point Academy

Matriculation (Percentage : 81 %)

May 2010 – May 2016

Serampore, West Bengal

Relevant Coursework

- Data Structures
- Algorithms Analysis
- OOP
- Computer Network
- Software Methodology
- Database Management
- Machine Learning

Experience

CodeClause

May 2023 – June 2023

Web Developer Intern

- Developed a dynamic **To-Do List** website as a personal project, designed for efficient task management
- This user-friendly platform allows seamless organization of tasks while providing a visually appealing and efficient task management experience.
- Utilized **HTML**, **CSS**, **JavaScript** for user-friendly functionality.

Oasis Infobyte

January 2023 – February 2023

Web developer Intern (Group Project)

- Built a full stack **Pizza delivery website** using MERN stack.
- It features both admin and user registration with authentication, verify email, and forgot Password.
- Admin have inventory access to manage stock, orders ,pizza. Also used **WebSocket** to update order status in real-time
- Developed application using **ReactJS** for the front-end and **Node.js** with **MongoDB** (Mongoose) and Express for the back-end.

Projects

Self-Driving Car game | JavaScript, Neural networks ,Machine Learning

January 2021

- Developed **self-driving car** which utilizes neural networks to enable autonomous navigation.
- Neural networks, a subset of artificial intelligence, process sensor data from the car's surroundings to make real-time decisions, such as detecting objects, recognizing road signs, and controlling steering, acceleration, and braking.

Weather Forecast |

- Created a dynamic Weather Forecast website using **HTML**, **CSS**, and **JavaScript**
- It have feature of real-time weather information and a user-friendly interface to enhance the user's weather tracking experience.
- Used **Weather Api** for realtime data fetching

Speech To Text Converter | HTML,CSS,JavaScript

- Designed Speech to text convertor interface which uses Web Speech **Api**
- User have multiple dialects for some language, with copy to clipboard feature

Technical Skills

Languages: C, C++, HTML/CSS, JavaScript, SQL

Developer Tools: VS Code

Leadership / Extracurricular

Recstacy

2023

Senior Fest Coordinator

- Successfully managed to organise **2nd Largest East India Cultural Fest** in NIT Durgapur .

Intrainz Innovation

2022-Present

Campus Ambassador

- Organized workshop program in college which provides **mentorship** from experienced industry professionals.