

Sumitram Kumar

EDUCATION

Indian Institute Of Information Technology Vadodara

Bachelor Of Technology
Computer Science & Engineering
Aug 2019 – Present

Activities & societies: Art Club (Shades)

WORK EXPERIENCE

Summer Project Intern

May 2022 – Jul 2022

I.I.I.T. Vadodara, Gandhinagar, IN

- Designed an application to mark the attendance of more than 200 students faster than offline methods.
- Analyzed that a professor takes 15 minutes to mark attendance for a batch of more than 200 students.
- Created an interactive UI using front-end technologies like react.js, & Bootstrap & backend using node.js with express.js.
- Integrated Google sheets API & used Google Sheets as the database for convenience & up to 80% faster click time.
- The result is convincing & reduced the attendance taking time by more than 60%.

PROJECTS

Unsaved WhatsApp contact viewer

Aug 2022 – Aug 2022

- Saving more than 50 unimportant contacts can be very inconvenient as the chances of a common name increase.
- A phone browser-friendly *progressive web application* built on react.js, node.js, express.js, & Bootstrap.
- Resolved with *WhatsApp business API* to view & message the WhatsApp contact using the contact number without saving it.
- Enter the number & send the message without saving it in contacts.

Maze solver

Nov 2021 – Nov 2021

- The App can generate random perfect mazes of given dimensions, & store the mazes as matrices.
- This can solve for typical endpoints - start being the top-left cell & stop being the bottom-right cell or for any selected endpoints in the maze.
- The algorithm in action to generate the random maze is *Recursive Backtracker* & the one to reach a solution is *Depth First Search (DFS)*.

Keeper

Jun 2022 – Jul 2022

- A web application having features of Google Keep mobile application, built using react.js & Bootstrap.
- Implemented react features like react hooks & props. Learned & implemented react conditional rendering.
- Save 100s of notes, delete notes, & mark finished if required.

CONTACT & PROFILE LINKS

- +91 7778838858
- sumitramkr77@gmail.com
- linkedin.com/in/sumitramkr
- github.com/sumitramkr
- twitter.com/sumitramkr

SKILLS

Technical Skills:

- React.js
- Node.js
- Express.js
- JavaScript
- C++
- C
- JQuery
- Bootstrap
- CSS, HTML
- MongoDB, MySQL
- Git, GitHub

Non-Technical Skills:

- Solving a complex problem by decomposition
- Balancing between team & individual work
- Painting as a hobby

COURSE WORK

- Database management system
- Object-oriented design & programming
- Computer networks
- Operating system

VOLUNTEER & COMMUNITY

- Contributed to organising & creating content for web development webinars, seminars & workshops in the institute.
- Experienced team management, learnt camping, & drill during 5 years of NCC training & camping under military officers.