

RONAK SURANA

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Education

Maheshwari Public School

High School- Science, Maths

April 2007 - May 2019

Jaipur, Rajasthan

The LNM Institute of Information Technology

Bachelor of Technology in Electronics and Communication

Nov. 2020 – May 2024

Jaipur, Rajasthan

Technical Skills

Languages: C, CPP , HTML/CSS , Typescript , Python

Technologies/Frameworks: React JS , Node JS , Express JS, Git, Material UI

Databases: Mongo DB, MySQL

Relevant Coursework: Data Structures, Operating Systems, Database Management System, OOPS in CPP

Experience

Jaipur Metro Rail Corporation

Summer Internship Trainee

June 2023 – July 2023

Jaipur, Rajasthan

- Developed the website for the signaling and telecom department for Operations like fault registration and Employee Management
- Learned about working of various domains in metro like UPS (Uninterrupted Power Supply), Train Radio System etc.
- Prepared a detailed presentation and report on Train Radio System its working and setup.
- Skills: Material UI , ReactJS, MongoDB, Node.js, Express.js, Electronics

Composio DEV

Python Developer

Remote Work

- The Company simplifies the way applications and Platforms Integrate variety of tools like github, Notion etc.
- Helping them in adding actions for the tool. Currently working on Github Tool.
- Skills: Python, Fast API, Pydantic Model, Postman

Projects

Coding Platform | React JS, Express.js, NodeJS, MongoDB, Google API, Chart JS, Hackerearth API May 2023

- Developed a Web App name "We Code" helps people solve DSA problems and track their coding progress. Especially useful for anyone aiming to improve their coding skills in a structured way
- User can log using the google account.
- The Admin have rights to add Questions and make someone else admin.
- The user can solve problems, save problems and mark the problem as done or not. They track how many problems they have solved and of which topics.

Jaipur Metro S&T Website, | React JS, Express.js, NodeJS, MongoDB, Google API

July 2023

- Developed a Web Application to optimize employee workflows, facilitating seamless attendance marking, leave approval requests, and fault reporting directly through Google Sheets integration.
- Enabled seamless user onboarding via adding email along with personalized name and password. Streamlined login through personalized credentials or registered Google Account.
- Users can reset passwords by entering their email, verifying via OTP, and setting a new password, ensuring seamless access and security.
- Delegated admin privileges to a specific email ID for leave application approvals, optimizing management efficiency.

Android App Controlled Wifi Robot for Inventory Management

Jan 2023 - Jan 2024

- This was my B-Tech Project. In this project a robot was developed using the raspberry pi which we can control with the help of mobile app.
- It uses Computer Vision to identify the product placed on the shelf of the shopping store with the use of camera and update in the database.
- This is especially useful for the big shopping stores to avoid Out-of-Stock Situation and Planogram.
- Key Skills: Raspberry Pi, Python, Firebase, Android Studio

Coding Platforms

[Geek for Geeks](#)

[Leetcode](#)

[Codechef](#)