

Roshan Kanwar

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EDUCATION

Indian Institute of Technology (ISM), Dhanbad, Dhanbad, India

Integrated Master of Technology in Mathematics and Computing

Aug. 2018 – Aug. 2023

CGPA: 8 / 10

Coursework — *Operating Systems, Computer Organization, Design and Analysis of Algorithms, Data Structures, Optical Research, Computer Networks*

WORK EXPERIENCE

Relive Technology Pvt. Ltd., Raipur, India

Software Engineering Intern

Jul. 2020 – Present.

- Directed and successfully shipped 2+ projects under the constant guidance and supervision of the CTO.
- Conceptualized Hotel Management System for managing details of 500+ hotels around the city.
- Full-stack developer - Wrote, reviewed, and implemented 1000 lines of code for frontend features and backend server using MongoDB, Node, React, and Express.

FindMind Analytics Pvt. Ltd., Remote

Software Engineering Intern

Jun. 2020 – Aug. 2020

- Engaged in web application with over 10000 lines of code, 30+ modules, and 10000+ users around the world.
 - Collaborated and coordinated with more than 10+ people for project evaluation and completion.
 - Rebuilt and enhanced existing website and boosted navigation by 50%, accessibility by 21% and performance by 10%.
 - Tested-site compatibility across multiple browsers and devices, uncovering and debugging issues, and addressing inconsistencies.
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PROJECTS

Ecommerce Site

[GitHub](#)

May. 2020 – Jun. 2020

- Devised full stack web application that utilizes firebase auth for user authentication and authorization.
- Designed and developed user interface of application using React, Styled Components and Sass and used Redux for efficient state management.
- Implemented credit card payment method for making secure purchases using the Stripe API Payment Gateway supporting 135+ currencies of 35+ countries.

Face Recognition App

[GitHub](#)

May. 2020 – Jun. 2020

- Made full-stack web app that identifies up to 8-10 faces accurately that are present in the picture using the Clarifai API.
- Scripted backend functionality of application using Node, Express and PostgreSQL for keeping the record of the user.

Recipe App

[GitHub](#)

Jul. 2020 – Aug. 2020

- Constructed simple web app for searching the recipe of certain food items and displaying them in the form of tables along with pagination (10 items per page) and filtering feature.
- Utilized the Edamam API for fetching the required data provided by 500+ top web sources.

3D Snake Game

[GitHub](#)

Jun. 2020 – Jul. 2020

- Tailored 3D version of the classic snake game that was built on the top of three.js and webgl.
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ACHIEVEMENTS

- Solved 400+ problems on programming sites like **hackerrank**, **codeforces**, **codechef**, and **spoj**.
 - Highest rating of **1577** on **codechef**.
 - **5 star** on **hackerrank**.
 - **1 gold**, **1 silver** and **2 certifications** on **hackerrank**.
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SKILLS & OTHERS

Languages: Proficient in C++, Shell, JavaScript, SQL, and NoSQL

Technologies: Firebase, Git, GitHub, React, Redux, Material UI, Reactstrap, Chart.js, Sass, and Recharts

Concepts: Functional Programming, Software Development, Agile/Scrum, Object-oriented programming, and Computer programming

Professional Skills: Time Management, Teamwork, Organization, Willingness to learn, and Critical Thinking

Interests: Writing, Strategy Games, and Music