

Roshan Kanwar

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Education

Indian Institute of Technology (Indian School of Mines) Dhanbad, Dhanbad 2018 - Present

Integrated Master of Technology – iM.Tech

- Major: *Mathematics and Computer Science* Current CPI (after 5 semesters): **7.95/10**
- Advanced Topics:** Object Oriented Programming in C++, Data Structures, Computer Organization, Design and Analysis of Algorithms, Computer Research, Operating System

Work Experience

Happiest Neurons / Software Engineering Intern Sep 2020 - Oct 2020

- Collaborated with **10+** people to ensure efficient development of product under the constant supervision of CTO
- Produced stunning **user-interface** of website by translating **20+ Figma** wireframes into maintainable code
- Developed high quality, reusable markup components using **SASS** and **React.js** and also assisted for development of optimized **RESTful APIs** using **Node.js** and other micro-services

Relive Technology / Software Engineering Intern Jul 2020 - Aug 2020

- Directed and shipped **2+** web applications under the constant guidance and supervision of the CTO
- Managed full **software development life cycle (SDLC)** for designing, analyzing, developing, testing, implementation and application support
- Developed web applications using **React.js**, **SASS**, **Material UI**, **Node.js**, **Express.js**, and **Mongo Atlas**

FindMind Analytics / Software Engineering Intern Jun 2020 - Aug 2020

- Enhanced and boosted existing website's **navigation** by **50%**, **accessibility** by **21%**, **performance** by **10%**
- Translated **30+** wireframes into high-quality application interface code using **React.js**, **Material UI**, **SASS**

Achievements

- Stood amongst top **1%** in Joint Entrance Examination, conducted by **Indian Institute of Technology** 2018
- Ranked **9** among 300+ participants in **Hack the build** hackathon, organized by **IIT Jammu** 2020
- Secured **City Rank 12** in 10th ICSE Examination out of 600 +students, conducted by **CISCE** 2016

Key Projects

Ecommerce Site / Full Stack Web Development Summer 2020

- Devised and designed an ecommerce site using **MERN** stack along with **Firebase** for authorization and authentication and also **Stripe** Payment Gateway supporting **135+** currencies of **35+** countries

Face Recognition Web App / Full Stack Web Development Summer 2020

- Developed full stack web app using **React.js**, **Node.js**, **Express.js** and **PostgreSQL** and also integrated **Clarifai API** that recognizes up to **10** faces

Technical Skills

Programming Languages: C/C++ (Proficient), JavaScript (Proficient), HTML, CSS

Specializations: Front End Development, Software Development, Agile Development, Scrum

Interests: Cloud Computing, Software Engineering

Soft Skills: Innovative Thinker, Effective Communication, Creativity, Empathy, Teamwork

Positions of Responsibility

Fast Forward India / Mathematics and English Teacher Nov 2018 - Jun 2019

- Taught **Spoken English** and **Mathematics** to **20+** children in every batch from 4th - 6th grade from the backward society around the college

Extracurricular Activities

Naresh Vashisht Centre for Tinkering & Innovation / Full Stack Developer Sep 2020 - Present

- Supervise **frontend** and **backend** developers' team of **5** for the design and development of the NVCTI website
- Responsibility also includes front end design, fixing layout and api bugs, and coordinating with software testers