

# ROSHAN KANWAR

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## EDUCATION

### Integrated Master of Technology, IIT (ISM) Dhanbad

Major: Mathematics and Computing

Dhanbad, JH

Aug 2018 - Present

- **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, Computer Networks

## PROFESSIONAL EXPERIENCE

### Happiest Neurons

Software Engineer Intern

Remote

Sept 2020 - Oct 2020

- Collaborated with **10+** people to ensure efficient development of product and resolving website performance issues
- Produced stunning **user-interface** of a web application by translating **Figma** wireframes into maintainable code
- Developed high quality, reusable markup components using **SASS** and **React.js** with **RESTful API** Integration

### Relive

Software Engineer Intern

Raipur, CG

July 2020 - Aug 2020

- Directed and shipped **2+** web applications under the constant guidance and supervision of the CTO
- Contributed to software architecture, design feasibility discussions, prototype development and code reviews
- Developed a full stack application using **React.js**, **SASS**, **Material UI**, **Node.js**, **Express.js**, and **Mongo Atlas**

### FindMind Analytics

Software Engineer Intern

Remote

June 2020 - Aug 2020

- Translated wire-frames into high-quality application interface code via **JavaScript** following **React.js** workflows
- Enhanced and boosted existing **website's navigation** by **50%**, **accessibility** by **21%**, and **performance** by **10%**
- Optimized components for maximum performance across a vast array of web-capable devices and browsers

## TECHNICAL PROJECTS

### E-Commerce Website

Tech Stack - React.js, SASS, Material UI, Styled Components, Stripe API, Firebase

May 2020 - Present

GitHub

- Devised full-stack web application that utilizes **Firebase** auth for user authentication and authorization
- Implemented payment method using **Stripe Payment Gateway** supporting **135+** currencies of **35+** countries

### Face Recognition App

Tech Stack - React.js, Node.js, Express.js, PostgreSQL, Clarifai API

May 2020 - Present

GitHub

- Developed a full-stack web app that identifies up to **8 - 10** faces present in the picture using the **Clarifai API**
- Scripted server-side code using **Node.js**, **Express.js**, and utilised **PostgreSQL** for storing the user record.

## TECHNICAL SKILLS

- **Languages:** C/C++(Proficient), JavaScript(Proficient), Python, HTML5/CSS3
- **Frameworks:** Bootstrap, SASS, React.js, React-Bootstrap, Material UI, Redux, Node.js, Express.js, Mongoose.js
- **Developer Tools:** Git, Docker, VS Code, Visual Studio, Atom, Sublime Text
- **Database:** PostgreSQL, MongoDB, Mongo Atlas, Firestore
- **Interests:** Software Engineering, Data Structures and Algorithms, Object-oriented Programming, Agile/Scrum Development

## ACHIEVEMENTS

- Stood amongst top **1%** in the **Joint Entrance Examination** (2018), conducted by the **Indian Institute of Technology**
- Ranked **9th** among **300+** participants in **Hack the build** hackathon, organized by **Indian Institute of Technology Jammu**
- Secured **City Rank 12** in **10th ICSE** out of **600+** students, conducted by the **Council for the Indian School Certificate Examinations**

## EXTRA-CURRICULAR ACTIVITIES

### Naresh Vashisht Centre for Tinkering and Innovation

Full Stack Developer

IIT (ISM) Dhanbad

Sept 2020 - Present

- Supervise **frontend** and **backend** developers team for the **design** and **development** of the **NVCTI** website.
- Hands-on design, development, deployment and support of **javascript** based frameworks and **SQL** database.

## POSITIONS OF RESPONSIBILITY

### Fast Forward India

Mathematics and English Teacher

IIT (ISM) Dhanbad

Nov 2018 - Jun 2019

- Taught **Spoken English** and **Basic Mathematics** to the underprivileged children of the backward society around the college.
- Assessed **10+** children's progress in every batch from **4th-6th** grade and assisted them to prepare for examinations.