

ROSHAN KANWAR

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EDUCATION

Integrated Master of Technology in Mathematics and Computing

Jul. 2018 - Present

Indian Institute of Technology (Indian School of Mines), Dhanbad

Relevant Coursework: Object Oriented Programming in C++, Data Structures, Computer Organization, Design and Analysis of Algorithms, Computer Research, Operating System, Computer Networks

WORK EXPERIENCE

Karkhana

Remote

Software Development Engineer Intern

Mar. 2021 - Present

- Redesign a Factory Management System utilizing **SASS** and **JavaScript** libraries, including **React**, **Redux**, and **Node.js**.
- Implementation of a set of new **RESTful API** endpoints to power front-end systems for data retrieval, posting, updating.

Happiest Neurons

Remote

Frontend Engineer Intern

Sept. 2020 - Oct. 2020

- Collaborated with a team of **10+** people to ensure efficient development of product under constant supervision of CTO.
- Produced stunning **user-interface** by translating **20+ Figma** wire-frames into maintainable code using **React**, **SASS**, and **Material UI**

Relive Technology

Raipur, CG

Full Stack Engineer Intern

Jul. 2020 - Aug. 2020

- Spearheaded **2+** end-to-end web development projects by collaborating with internal web developers and qa testers team.
- Managed full **software development life cycle (SDLC)** for designing, analyzing, developing, testing, implementation and application support.
- Developed web applications using technologies such as **React**, **Redux**, **Material UI**, **Node.js**, **Express.js**, and **MongoDB**.

FindMind Analytics

Remote

Frontend Engineer Intern

Jun. 2020 - Aug. 2020

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

SKILLS

- **Programming Languages:** C/C++(Proficient), JavaScript, HTML5/CSS3
- **Web Technologies:** SASS, Bootstrap, React, React-Bootstrap, Redux, Node.js, Express.js, Mongoose.js, Django
- **Database:** MongoDB, PostgreSQL, MySQL, Firebase
- **Specializations:** Front End Design and Development, Software Development, Agile Development Processes and Principles
- **Soft Skills:** Innovative Thinker, Written and Verbal Communication, Discipline, Time-management, Decision Making

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

TECHNICAL PROJECTS

- **E-Commerce Site:** Built on top of **React**, **Redux**, **SASS**, **Node.js**, **Firebase**, and **Stripe API** as Payment Gateway.
- **Face Detection Site:** Built on top of **React**, **Node.js**, **PostgreSQL**, and **Clarifai API** for face detection.
- **PredictMed:** A chronic disease prediction website built on top of **React**, **Redux**, and **Django**. Utilised Machine Learning models of accuracy above **90%** for prediction.

EXTRA-CURRICULAR ACTIVITIES

- **Lead Full Stack Developer** at Naresh Vashisht Centre for Tinkering and Innovation at IIT (ISM) Dhanbad.
- **Spoken English and Mathematics Teacher** under ESCAPE chapter of **Fast Forward India**, IIT (ISM) Dhanbad.