

# Jatin Kumar

SOFTWARE ENGINEER · COMPUTER ENGINEERING MAJOR · DTU

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## Skills

<b>Programming Technologies</b>	C, C++, Java, Javascript
<b>Conceptual Knowledge</b>	ReactJS, NodeJS, ExpressJS, MongoDB, HTML, SQL, Firebase
	Operating System, OOPS Concept, DBMS, Data Structure & Algo

## Internship

### Research Intern,DTU

New Delhi

Jun. 2021 - July. 2021

- Working towards finding new possibilities in the field of Nature Inspired Algorithms for application in practical scenarios.
- Multiple Nature Inspired Algorithms were studied for finding possible applications in the field of medical diagnosis and other crucial fields.
- Finding ways to increase performance of the existing algorithms by hybridizing with other algorithms.

### JMS Enterprise

New Delhi

WEB DEVELOPMENT INTERN

Jun. 2020 - July. 2020

- Developed the website using React.js, JavaScript, CSS.
- Worked on frontend development, resolving bugs and testing the websites.

## Projects

### Breast Cancer Diagnosis Using SVM-KNN and Swarm Algorithms

RESEARCH PROJECT

- Developed an effective breast cancer diagnosis system based on hybrid nature-inspired meta-heuristics.
- Swarm algorithms were used to improve the accuracy and efficiency of the present approaches, resulting in a **99.42 accuracy**.

### COVID-19 Tracker WebApp - Link

REACTJS APP

- Covid-19 tracker using **React.js** and **disease.sh** API to keep track of Covid cases in different countries.
- Used **react-leaflet** for the map to show covid cases with circles and **material-ui** and **numeral.js** for good design.
- Used **react-chart.js** for **line graph** to show growth of total corona cases, recovered patients and deaths.

### Post Share WebApp - Link

MERN STACK

- Users can **register, login, upload images with caption and comment** on other posts.
- Used **Pusher API** to make it Realtime and **MongoDB** for Storing Data.
- Frontend is deployed on **Firebase** and Backend is deployed on **Heroku**.

## Education

### Delhi Technological Universtiy(DTU)

New Delhi, India

B.TECH IN COMPUTER ENGINEERING

Aug. 2018 - May. 2022

- CGPA:8.43

### Kamal Public Sr. Sec School

New Delhi, India

CBSE(CENTRAL BOARD OF SECONDARY EDUCATION)

April. 2015 - May. 2017

- 12th percentage: 85.5%
- 10th GPA: 9.4/10

## Certifications/Achievements

2019 **Certificate Of Excellence-Data Structure & Algorithm in JAVA**, Above **90%** score  
in Coding Ninja Course

Present **HackerRank Problem Solving**, 6 Stars -Link