

# Abhishek Mittal

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## EDUCATION

### IIT DHARWAD

B.TECH

NOV 2020 | Karnataka

## LINKS

Github: [Abhishek28112002](#)

LinkedIn: [Abhishek mittal](#)

Codeforce: [pawabhi \(1321 rating\)](#)

Codechef: [paw\\_2811 \(1880 rating\)](#)

## WORK EXPERIENCE

### SYNTHEIM

#### SOFTWARE DEVELOPER

AWS, MONGO DB, SOCKET.IO, WEBRTC, FRONT END

- Built UI components
- Used AWS s3 and AWS cdn for managing backend.
- Used MongoDB for database.

### BETTER TALK IND

#### ANDROID DEVELOPER

NODEJS, EXPRESSJS, MONGODB, REACTJS, REACT NATIVE

- Built UI components.
- Implemented REST API requests in Front-end and tested them in Postman API.
- Worked with Redux-toolkit and handled local updates and async requests.
- Worked with Mongoose and ExpressJS in Back-end to update databases.

### STRINGER

#### FRONT END DEVELOPER

REACTJS, CSS

- Built UI components
- Used Bootstrap and Tailwind CSS in project.
- Used DOM Router and Hooks.
- Implemented REST API requests in Front-end and tested them in Postman API

## TECHNICAL PROJECTS

### SECURING NEURAL NETWORK EXECUTION THROUGH PARALLELIZATION

C++, DATA STRUCTURE, ALGORITHM

2022

- I found near-optimal solutions using heuristic algorithms to change time complexity from exponential to polynomial.
- Devising task schedule algorithm for heterogeneous systems.
- Securing neural network based applications against hardware trojans.
- I also developed understanding in python scripting, implemented data structures to come up with better algorithms.

### SPACE DATA SCIENCE AUTO CLASSIFIER FOR KEPLARS TCE

EXPRESSJS, NODEJS, PYTHON, HTML, CSS

2022

- Designed and Developed the Front-end website using HTML/CSS.
- Implemented Back-end using ExpressJS, NodeJS.
- Developed Multi-class classification model in Python.
- Accuracy of model achieved is 63.67%.

## SKILLS

### TECHNICAL SKILLS

Proficient with

• C++ • OOPS • DSA • Java • Python • JavascriptES6  
• ReactJS • NodeJS • ExpressJS • MongoDB • HTML5 • CSS

Familiar with:

• Android App Development • Web Development

### SOFT SKILLS

• Leadership • Resourcefulness • Public Speaking • Grit  
• Problem solving • Good Communicator • Analytical Thinker

## SUBJECT'S OF INTEREST

- Software Development
- Data Structure and Algorithms

## LANGUAGES

Hindi, English