

# Geetesh Gupta

PRE-FINAL YEAR (B.TECH.) | COMPUTER SCIENCE & ENGINEERING | IIT JODHPUR

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## EDUCATION

### IIT JODHPUR

B.TECH. IN CSE

Expected 2021 | Jodhpur, India

GPA: **8.87/10**

### SKM PUBLIC SCHOOL

CLASS 12

2016 | Sangaria, India

Percentage: **90% (PCM 95%)**

### SKM PUBLIC SCHOOL

CLASS 10

2014 | Sangaria, India

CGPA: **10/10**

## COURSEWORK

### UNDERGRADUATE

Artificial Intelligence \*

Compiler Design

Computer Architecture

Computer Networks \*

Computer Programming

Computer Security & Principles \*

Data Structures & Algorithms

Database Systems \*

Discrete Mathematics

Object Oriented Analysis/Design

Operating Systems

Software Engineering

### AUDIT

Intro to Computer Science 

Intro to Cryptography \* 

Modern React with Redux 

React Native and Redux 

\* Ongoing Courses

## SKILLS

### PROGRAMMING

Proficient:

C/C++ • Python

Familiar:

Javascript • Java • SQL • Solidity

### WEB/APP DEVELOPMENT

HTML/CSS • Bootstrap

React • React Native

NodeJS • Flask • Django

### UTILITIES

Git • Photoshop

## LINKS

Github:// [geetesh-gupta](#)

LinkedIn:// [geetesh-gupta](#)

## INTERNSHIP

### UPBRINGO | NATIVE APP DEVELOPMENT WINTER INTERNSHIP

Dec 2019 - Jan 2020

- Developed native application with React Native as the front-end framework from the ground up using my own react native library published on npm
- Collaborated with a team of 4 developers
- Technologies: **React Native, Javascript, Node.js, Axios**

## RESEARCH PAPER

### EDGE APPLICATIONS: JUST RIGHT CONSISTENCY

RESEARCH PAPER & B.TECH. PROJECT | GUIDE: DR. SUBHAJIT SIDHANTA

Jan 2019 - May 2019 | Deployed at [pypi.org/project/python3-crdt](https://pypi.org/project/python3-crdt)

- Proposed a built-in storage system particularly suited for Fog computing
- Deployed a Python-based library for effectively working with CRDTs
- Paper accepted at **38th International Symposium (SRDS 2019)**
- Technologies: **Python, Kubernetes, AntidoteDB, CRDTs**

## PROJECTS

### REACT NATIVE AWESOME COMPONENTS

Jan 2020 - Present | Deployed at [npmjs.com](https://npmjs.com) as an Open Source contribution

- Developing a npm package containing handy components frequently required while developing a project in React Native
- Technologies: **Javascript, React Native, NPM**

### MEDI-BLOCK | BLOCKCHAIN BASED MEDICAL RECORDS

Jan 2020 | Hackathon Project | Open Sourced at [Github](#)

- Lead a team of 3 software developers to develop blockchain based native app
- Provided support for Secure CRUD operations for Medical Records
- Technologies: **Solidity, React Native, Truffle, Geth**

### BLOCKVOTE | BLOCKCHAIN BASED VOTING SYSTEM

July 2019 - Aug 2019 | Hackathon Project | Open Sourced at [Github](#)

- Lead a team of 3 software developers to develop blockchain based WebApp
- Provided support for Secure Remote voting & Expedite Vote Counting
- Technologies: **Solidity, React, Azure Blockchain Service**

### IGNUS | MVC DRIVEN PLATFORM FOR ANNUAL COLLEGE FESTIVAL

Aug 2018 - Feb 2019 | Deployed at [ignus.org](https://ignus.org)

- Developed front-end of the platform, used by **2000+** users
- Collaborated with 3 other developers, under a core team of 40 people
- Technologies: **Django, Html/CSS, Bootstrap, Javascript**

### IITJ INFO BOT | RFID BASED PAYMENT SYSTEM | CHAT BOT

Oct 2017 - Dec 2017 | Hackathon Project

- Developed chat-bot & back-end for a RFID-based Payment System to facilitate payments within college network with a team of 3 developers
- Deployed the chat-bot on Facebook Messenger, used by 50+ users
- Technologies: **Microsoft Azure, NodeJs, SQL, LUIS, Bot Framework**

## ACHIEVEMENTS

- 2020 Secured **1st** position out of 12 teams, **IITJ Prometeo Hackathon**
- 2018 **Finalist** Among top 3 teams out of 53 teams, **Microsoft CodeFunDo**
- 2018 **2nd RunnerUp** out of 11 teams, **Microsoft CodeFunDo OnCampus**
- 2017 JEE Advanced **AIR 2074**, JEE Mains **AIR 6163** among **Top 0.2 %**