

Geetesh Gupta

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

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EDUCATION

IIT JODHPUR

B.TECH. IN COMPUTER SCIENCE & ENGINEERING

Expected 2021 | Jodhpur, India
GPA: 8.84/10 (upto 4th sem)

SKM PUBLIC SCHOOL

CLASS 12

2016 | Sangaria, India

Percentage: 90% (PCM 95%)

SKM PUBLIC SCHOOL

CLASS 10

2014 | Sangaria, India

Percentage: CGPA 10/10



COURSEWORK

UNDERGRADUATE

Computer Programming
Discrete Mathematics
Data Structures & Algorithms
Object Oriented Analysis & Design
Software Engineering
Theory of Computation
Computer Organization & Architecture
Compiler Design *
Operating Systems *
Algorithm Design & Analysis *
Data Communications *

* Ongoing Courses

AUDIT

Intro to Computer Science 
Modern React with Redux 

SKILLS

PROGRAMMING

Proficient:

C/C++ • Python

Familiar:

Javascript • Java • SQL • Solidity

WEB DEVELOPMENT

HTML/CSS • Bootstrap

Django • Flask

React • Node JS

UTILITIES

Git • Photoshop

LINKS

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

LinkedIn:// [geeteshguptagg](#)

PROJECTS

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

- 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 on Reliable Distributed Systems (SRDS 2019)*
- Technologies: Python, Kubernetes, AntidoteDB, CRDTs

BLOCKVOTE | BLOCKCHAIN BASED VOTING SYSTEM |

MICROSOFT CODE.FUN.DO 2019 HACKATHON PROJECT

July 2019 - Present | Open Sourced at [Github](#)

- Secure Remote voting & Expedite Vote Counting
- Automatic creation of an e-Voter ID Card after age verification
- Collaborated on a team of 3 programmers
- Future Plans: Feature to review candidate's manifesto
- Technologies: Solidity, React, Azure Blockchain Service

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

MICROSOFT CODE.FUN.DO 2018 | MICROSOFT IMAGINE CUP 2018

Oct 2017 - Dec 2017

- RFID-based Payment System for payments within college network
- Deployed on Facebook Messenger, used by 50+ users
- Technologies: Microsoft Azure, NodeJs, SQL, LUIS, Bot Framework

IGNUS | MVC DRIVEN PLATFORM FOR ANNUAL COLLEGE FESTIVAL

Aug 2018 - Feb 2019

- Designed UI/UX of the platform, used by 2000+ users
- Collaborated with 3 other programmers, under a core team of 40 people
- Technologies: Django, Html/CSS, Bootstrap, Javascript

WINTER OF CODE PORTAL

OPEN SOURCE CONTRIBUTIONS' PLATFORM OF IITJ

Sep 2018 - Oct 2018 | Open Sourced at github.com/geetesh-gupta/woc

- Project under Open Source enthusiasts' student community at IIT Jodhpur
- Designed UI/UX of the platform
- Technologies: Vue, VuetifyJS, Javascript

ACHIEVEMENTS

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 %**

POSITIONS OF RESPONSIBILITY

2018 - 19 **Web Development Head** Ignus - Annual College Fest
2018 - 19 **Student Representative** B.Tech. Sophomore Year

EXTRACURRICULAR ACTIVITIES

2017 - 19 **Class Representative** B.Tech. CSE, IIT Jodhpur
2018 **Student Coordinator** Microsoft CodeFunDo++ Hackathon