

# VRUSHTI MODY

## Software Engineer

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### PUBLICATIONS

- 'Apply By AI: An Artificially Intelligent Recruitment System' under review at PeerJ.
- 'Friend.ly: A Friend Recommendation Systems based on Big5 Personality Traits and Hybrid Filtering' under review at IJAIL.
- 'Distress - An application for Emergency Response and Disaster Management', presented at ICOSEC 2020, published on IEEE Xplore.
- 'A Study on existing Friend Recommendation Systems in Social Networks', presented at ICOSEC 2020 published on IEEE Xplore.
- 'A comparative study of cloud computing enabled applications and their security issues', presented at ICCNT 2020, published on IEEE Xplore.
- 'Mental Health Monitoring System using Artificial Intelligence: A Review' presented at I2CT 2019, published on published on IEEE Xplore.

### RELEVANT EXPERIENCE

#### Holosuit Pte. Ltd. | Software Developer

September 2020 – Present

Remote

Created and tested frontend and a micro-service architecture for the backend.

#### Major League Hacking Fellowship | Student Developer

Sep 2020 – Dec 2020

Remote

Created projects every two weeks for various domains like education, gaming, ML, etc  
Focused on use of open source technologies, clean code, documentation, testing and feedback, deployment and security

#### Data as Services | Junior Data Scientist Intern

March – August 2020

Remote

Worked on Neural Networks, web linking, web scraping, managed their website, made UI/UX changes to the website and updated website information

### SELECTED PROJECTS

#### Manage.in – Inventory Manager (Jul - Sept 2020)

Engineered an Inventory Manager that uses data mining and machine learning to keep track of inventory with the help of intelligent refill prediction, e-bill generation and re-shelving suggestions.

#### Apply by AI – Recruitment Platform (April - July 2020)

It parses resumes to extract relevant skills and has a bot for preliminary interviews and uses skill matching, personality insights and hybrid filtering to recommend potential candidates.

#### Friend.ly – Social Network (May 2019 – April 2020)

Its friend recommendation system uses a hybrid filtering approach using personality, sentiment analysis and user preferences to match like-minded people.

### EDUCATION

#### B.Tech in Computer Engineering

##### NMIMS University

2016-2020

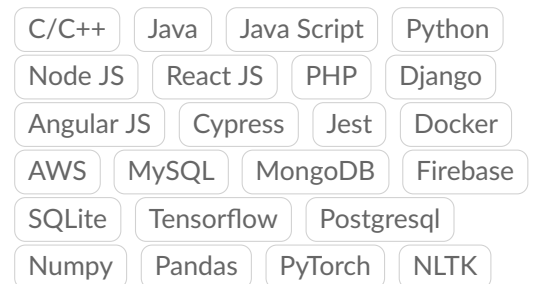
Mumbai, India

CGPA: 3.5/4

### CERTIFICATIONS

- Data Analysis using Python - IBM
- Cloud Infrastructure Services - EMC2
- Machine Learning - Quantiphi
- Advanced DBMS and Python - Infosys

### SKILLS



### ACHIEVEMENTS

- Recipient of the *Meritorious Student Award* - top 10% of the department
- *Winner* - HackerEarth's Recruit-a-thon among 2400+ teams
- An *Economic Times Campus Star* - a list of 'India's brightest engineering minds among 49000+ students
- *Rank 1* - Semicode Competitive Coding contest with 250+ teams
- *Winner* - IBM Hack Challenge, 2019 among 700+ teams
- *Runner Up* - Mozilla App Development Competition among 80+ teams

### VOLUNTEERING & LEADERSHIP

- Head of Creatives - 4C, The Marketing Cell of NMIMS, (2018-2019)
- Marketing Head - Enactus MPSTME, (2018 - 2019)
- Open Source Developer at PClub Summer of Code, (2020)
- Mentor - social entrepreneurship, Enactus MPSTME (2017 - 2019)