

EDUCATION

NMIMS University

2016 - 2020 – Mumbai, India
B.Tech in Computer Engineering
CGPA: 3.42/4

PRESENTATIONS

- **'Mental Health Monitoring System using Artificial Intelligence: A Review'** presented as a full paper for the- "IEEE Sponsored I2CT 2019" published on IEEE Xplore Digital Library and indexed on Scopus.
- **'A Study on existing Friend Recommendation Systems'** accepted as a full paper at ICMISC 2020
- **'Friend.ly: A Friend Recommendation Systems based on Big5 Personality Traits and Hybrid Filtering'** submitted for review at International Journal of Advanced Science and Technology
- **'A comparative study of cloud computing enabled applications and their security issues'** submitted for review at INCET 2020.
- **'Distress - An application for Emergency Response and Disaster Management'** submitted for review at INCET 2020

CERTIFICATIONS

- Cloud Infrastructure & Services – EMC2 (2019)
- Advance Database and Python - Infosys (2018)
- Cybersecurity and Mobility Course - University of Georgia on Coursera (2018)
- C, C++ Programming - Oracle (2016, 2017)

TECHNICAL SKILLS

Programming Languages: C, C++, Java, Python

Libraries: Numpy, Pandas, Scikit-learn, NLTK

Software skills: MATLAB, Jupyter Notebook, AutoCAD, Anaconda, FTK, TurboC, StarUML, Codeblocks, WEKA, Netbeans 7.2, Periscope, Git

Web Development: HTML, CSS, Bootstrap, PHP, JQuery, AJAX, Angular JS, Django

Platforms: Windows, Familiar with Linux, MacOS

EXTRA CURRICULAR ACTIVITIES

- **Head** Creatives - 4C, Marketing Cell NMIMS (2018-2019)
- **Sub-Head** Business Development and Marketing –Entrepreneurship Cell, (2018-2019)
- **Executive** Marketing - Entrepreneurship-Cell, NMIMS (2017-2018)
- **Executive** IT & IC, Findrome, Financial Cell NMIMS (2016-2017)

LIST OF ACHIEVEMENTS

- Winner of the IBM Hack Challenge under the problem statement 'Friend Affinity Finder'
- Third place in Android App Development Competition organized by Mozilla Campus Club

SELECTED PROJECTS

Friend.ly - Friend Recommendation System

May 2019 - Present

- A social media platform that leverages text-mining, sentiment analysis and personality trait extraction for its recommendations. (Successfully Open-Sourced)
- Technologies used: Node.js, MongoDB, IBM Watson, OAuth2, AWS, Pandas

NLP Text-Corpora Pre-processing

October 2019

- Tokenization, Frequency Distribution, Stop words and Non-stop words extraction and Lexicon Normalization on the Blog Authorship Corpus dataset.
- Technologies used: Python, NLTK, Pandas, Minimal DOM

House Pricing Prediction

October 2019

- Data pre-processing, feature selection and a linear regression model to estimate the house pricing using the Melbourne Housing dataset.
- Technologies used: Python, Scikit-learn, Seaborn, Pandas

Heart Disease Detection & Insurance Prediction

January-April 2019

- Decision tree classifier to detect the presence of heart disease in a person and linear regression to estimate the medical insurance amount. (Dataset: Kaggle)
- Technologies used: Python, Scikit-learn, Seaborn, Pandas

Vital Care: E-commerce portal

January-April 2019

- A web-based e-commerce portal for buying health and wellness related products.
- Technologies used: HTML, CSS, PHP, JQuery, JavaScript, Bootstrap, MySQL

Vital Care App

January-March 2018

- An Android app with emergency features like hospital bed availability, blood donation and appointment scheduling and additional features like step tracker, BMI calculator and information about vaccines, diet and nutrition for a healthy lifestyle.
- Technologies used: Android, Firebase

Weather Forecast Web App

January 2018

- A simple web application to fetch weather forecast for a given place in real time.
- Technologies used: NodeJS, Express, Handlebars, DarkSky API, Mapbox

INTERNSHIPS

Student Developer | Google Summer of Code

May 2020 - present

- Automated testing using WebdriverIO for Wikimedia Foundation.

Risk Analysis Intern | Acquisory Risk Consulting

May – July 2018

Pvt. Ltd.

- Performing digital forensics for Risk Analysis with the help of FTK Toolkit.
- Submitted a report on 'A study of Digital Forensics in India'

Community and Content Intern | Infomoko

December 2017

Technology Pvt. Ltd (BabyChakra)

- Analyzing data for user engagement using 'Periscope'.
- Designing content for community building and gathering feedback from app users

Digital Marketing Intern | Manna Healthcare Pvt. Ltd.

June - July 2017

(Obino)

- Ideating content for social media, marketing alliances, blog edits and upload on WordPress and on call coordination for the #WomenWhoLead Campaign
- Developing a marketing calendar and carrying out competitive analysis