

Raghav Malawat

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EDUCATION

PES INSTITUTE OF TECH
B.E. IN INFORMATION SCIENCE
Exp: Aug 2020 | Bengaluru, KA
CGPA : 7.90

M.P. BIRLA F.H.S. SCHOOL
KOLKATA, WB
12th (ISC) : 95.0% | Passed: 2016
10th (ICSE) : 92.0% | Passed: 2014

SKILLS

PROGRAMMING

C++ • Javascript • MongoDB
Python • Node.JS
ElasticSearch • MySQL
C • ExpressJS
AWS • Django • LaTeX
Java

CERTIFICATIONS

AWS Cloud Practioner Essentials
(AWS)

Design Thinking Workshop
(IIM Bangalore)

Data Science Foundations
(IBM)

Java Programming
Duke University(Coursera)

Programming for Everybody
(Python)
Michigan University (Coursera)

COURSEWORK

THEORITICAL

Software Engineering | Data Mining
Data Structures | Algorithms
Object Oriented Modeling and Design
Cryptography | Computer Networks
Operating Systems | DBMS
Artificial Intelligence | Unix
Software Testing
Cloud Computing
Storage Area Networks

PRACTICAL

Data Structures | Algorithms
DBMS | Computer Networks
Software Testing
File Structures

PROJECTS

CHAT APPLICATION | WEBSITE

NodeJS | MongoDB | ExpressJS | SocketIO
chat-app-raghavmalawat.herokuapp.com

- Chat Application built with the purpose of **instant messaging and sharing current location** . Used socket.io for broadcasting messages in the rooms.

TIME SERIES ANALYSIS OF ONION PRICES | JUPYTER-NOTEBOOK

ARIMA | Sklearn | Pandas | Matplotlib

- Prediction of onion prices in Bengaluru. Government Data collected over 19 years. Current Working on. Need to try LSTM and Prophet API.
- Accuracy : 59.61 (ARIMA)%

LIBRARY MANAGEMENT SYSTEM | WEBSITE

Django | MySQL | Bootstrap

- Webapp Allowing the librarian to update books, issue books, check fines and all necessary required work for managing a library.

COLLABORATIVE EDITOR | WEBSITE

NodeJS | ExpressJS | Froala API | SocketIO

- Real-Time collaboration of documents. Every user can seamlessly modify files currently opened. Bulit over Froala editor API.

EXPERIENCE

INTERNSHIP - ROCKETIUM | DEVELOPER

Oct 2018 - Dec 2018 | Bengaluru, KA
ElasticSearch | NodeJS | MongoDB | AWS EC2

- Worked on the **backend** , built a REST API for the **digital media library** (similar to google drive) for the video automation tool Rocketium.
- **Configured ElasticSearch clusters** for existing data on MongoDB servers and updatation of new entries in real time.
- Hosted on **AWS EC2 server** and concepts of software engineering intensely implemented.

IEEE PESIT STUDENT BRANCH | VOLUNTEER AND CO-TREASURER

Aug 2017 - Feb 2019 | Bengaluru, KA

- **Strong Team-Building skills** . Built and leaded a team of 67 from only 5 members in the team.
- **Managed audits and finances** for a term of 6 months for all the events in that duration.

TOASTMASTERS | SECRETARY | HONING PUBLIC SPEAKING SKILLS

Feb 2019 – Present | Sarjapur Road TM Club

- **Effective Communicator** pursuing **Dynamic Leadership** Pathway.
- Won "**The most improved Toastmaster**" and "**Most dedicated executive member**" previous term.

ICACCI 2018 | INTERNATIONAL CONFERENCE | VOLUNTEER

Sep 2018 | Bengaluru, KA

- Part of the workshop conduction team.
- Machine Learning in Astronomy and Network Security.