

# Jatin Rajpal

jatinrajpal57@gmail.com

## EDUCATION

### B.N.M.I.T

BE IN INFORMATION SCIENCE AND ENGINEERING

Expected August 2021 | Bengaluru, Karnataka

CGPA: 8.29 / 10.0 (upto 5th Sem.)

### K.V.NO.1, UDAIPUR

2016 | Rajasthan, India

Percentage:82

## LINKS

Github:// Jatinrajpal

LinkedIn:// Jatinrajpal

## COURSEWORK

### UNDERGRADUATE

Discrete Mathematical Sciences  
Unix

Object Oriented Analysis Design

Data Structures Algorithms

Theory of Computation

Software Engineering

Artificial Intelligence

DBMS

Algorithm Design and Analysis

Computer Networks

Operating Systems\*

Linear Algebra\*

## SKILLS

### PROGRAMMING

Proficient:

- Java

- C++

Familiar:

- Matlab

- C

OS:

- Debian

- Windows

### WEB DESIGN:

- CSS

- PHP

- HTML

### DATABASE:

- Firebase

- MySQL

### OTHER TECHNOLOGIES:

- Android Studio

## INTERNSHIP EXPERIENCE

### AREMA TECHNOLOGIES | ANDROID APPLICATION DEVELOPMENT INTERN

July - Nov 2019

- Worked as a full stack developer, using Firebase Real Time Database and designed the user interface.
- Successfully completed the full working of the application with its own customized speech recognizer which can accept multiple languages.

## PROJECTS:

### EMERGENCY TRAFFIC CORRIDOR SYSTEM | SUMMER IPL PROJECT

WON THE 1ST PRIZE BEST PROJECT AWARD AT THE SEMESTER LEVEL IN IPL WINTER COMPETITION IN BUILDING AN ALGORITHM FOR A CONGESTION FREE PATH OF AN AMBULANCE

|AWARDED BEST PROJECT AT SEMESTER LEVEL

November 2018

(ETraCS) This was a basic implementation of how to give a exact free path to an ambulance from source to destination without any congestion.

### IEEE ORGANIZED HACKATHON RESEARCH COLLABORATIVE NETWORK:- (ReCoNe)

Lead the development of ReCoNe "Secured 4th position out of 20 competitive group participants" Built a collaborative platform shared between professors and students.

### BOTS AND MINES(BM) | WINTER IPL PROJECT

|"WON THE 1ST PRIZE BEST PROJECT AWARD AT THE SEMESTER LEVEL IN INNOVATION PROJECT LAB SUMMER COMPETITION "

Built a Mobile Driven Robot using Arduino and DTMF Module to be used to search landmines and send location of the same to the base station.

### ANDROID APPLICATIONS: |KSIT HACKATHON

October 2019

Unified Hospital Management System (UHMS) :-Built an application android application for better communication and storage of medical reports.

## ONLINE COURSES

OCT-2019 Introduction to Algorithms and Data Structures

2019\* Machine Learning By Andrew N.G.

\* CURRENTLY PURSUING

## AWARDS

2017 President Awarded Scout Fellow

2017-2019 First Class With Distinction in all four Semester.

28-02-2020 Secured second position in intracollege coding competition.

## MEETUPS

Active Member of Kaggle Days of Bangalore.