

# Rati Kumari

M.Tech  
Computer Science & Engineering  
at IIT Jodhpur  
CGPA:7.12 till 3th TriSem

356/K-77, Alamnagar, Saripura  
Lucknow, Uttar Pradesh, India  
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## Links

Github:// [rati](#)  
LinkedIn:// [rati](#)

## Skills

OS  
GNU/Linux, Windows  
LANGUAGES  
C/C++, Java, Python, javascript  
FRAMEWORK  
Flask, ReactJS,  
Node.js, Android, Web-development  
DATABASES  
MySQL  
OTHERS  
VS Code, Git, Vim

## Coursework

Software Engineering  
Data Structures and Algorithm  
Machine Learning  
Deep Learning  
Cryptography  
Security and System  
Data Analysis

## Education

2020-2022  
M.TECH. IN CSE  
IIT Jodhpur  
CGPA : 7.12/10(till 3rd Trisem)

2013-2017  
B.TECH. IN CSE  
Banasthali Vidyapith  
CGPA : 7.5

2012-2013  
INTERMEDIATE  
Lucknow Public School, Lucknow  
Percentage: 90%

2010-2011  
HIGH SCHOOL  
Lucknow Public School, Lucknow  
Percentage: 89%

## Experience

2017-2020 **TCS, Noida** **System Engineer**  
Commercial Analytics Platform: Analysis of sales data of pharmaceutical companies.  
*Python, ReactJs, Bootstrap, HTML, Material UI*  
Component design: Designing reusable UI component for website.  
*Sitecore, Javascript, MVC, HTML, CSS, Bootstrap*  
Analytics project: Dashboard creation, automated extraction, transformation of data and reports generation.  
*Qlikview, PowerBI, Excel*  
Training: Training in Java, SQL, Big Data. Worked on a use case involving analyzing and extracting various trends from large volume of data of an online entertainment company.  
*SQL, Big Data, Java*

2016 **ST Microelectronics, Greater Noida** **Internship**  
Aim of project was to enable external users to obtain IT account to access ST information system. It manages approval and execution of request through workflow.  
*SharePoint, LDAP, SQL, Java*

## Course Project

2020 **Bio-metric Cryptography** **Python, OpenCV,**  
Implementation of bio-metric cryptography with face as bio-metric for authentication.

2020 **Identifying traffic signals from set of images** **Deep Learning**  
It recognizes the traffic signal given in the photograph.

2020 **Image Reconstruction** **Image Processing**  
It reconstructs the image using wavelets transformation.

## Achievements

2013-2015 **NSS (National Service Scheme)** **Member**  
The main aim was to spread awareness regarding cleanliness, healthy habits and to spread importance of education in nearby villages.

2016 **SPL (Student Pilot License)** **Certification Course**  
It's aim is to give experience of flying experience.

2020-NOW **Rotary Club** **Member**  
We work on cleanliness, education and blood donation camps.