

# Alok Patel

M.Tech, IIIT Allahabad

I am curious, passionate, calm and Technology has always motivated me to learn things and explore. I love writing code and obsessed with the idea of using software to solve real-life problems.

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## WORK EXPERIENCE

### Teaching Assistanship IIIT, Allahabad

09/2020 - 06/2021

Tasks

- Conducting Tutorial classes.
- Evaluating Presentations, labs and assignments.
- Perform invigilation during exams/Quizzes.

## PERSONAL PROJECTS

### ROFA (Remember one for all) (06/2017 - 07/2017)

- <https://github.com/alok0604/ROFA>
- Password manager application
- Technologies used- Java

### Mother And Child Care System (08/2018 - 12/2018)

- <https://motherandchildhealthcare.000webhostapp.com/>.
- Online maternity health care system which consists of all the information and Govt Schemes.
- We can read and listen to every possible information in Hindi, English, and Chhattisgarhi(regional language).
- Technologies used: php,html/css.

### Car evaluation and prediction using ML (01/2021 - 06/2021)

- The different classifiers for the car evaluation dataset were evaluated in this project and multiclass problem is solved.
- Algorithms used: Logistic regression, K- nearest neighbour, Random forest, to find out highest accuracy of classification.

### Anomaly detection using machine learning (01/2021 - 06/2021)

- The project works for detecting anomalies or abnormalities for streaming data. (Particularly Bearing sensor dataset from NASA is been given in form of stream)
- Technologies used: Python, Deep learning models (LSTMs autoencoders), Flask framework for deployment.

### Emotion Recognition system (01/2021 - 06/2021)

- The project identifies emotions based on facial recognition in realtime using webcam.
- Technologies used: Python, learning model CNN, openCV for testing using webcam.

## EDUCATION

### Masters of technology

Indian Institute Of Information Technology, Allahabad

09/2020 - 06/2021

8.5 CGPI

Courses

- IT

### Bachelor of Engineering

Bhilai Institute Of Technology, Durg

08/2015 - 06/2019

7.35 CPI

Courses

- CSE

## TECHNICAL SKILLS

C

C++

Python

Data structure

Algorithm

git

LaTeX

Javascript

## ACHIEVEMENTS

### Gate Qualified

97.2 Percentile- Year 2020

## CERTIFICATES

### Microsoft Technology Associate: Database Administration Fundamentals (MTA) (07/2017 - 06/2021)

Microsoft-

<https://www.youracclaim.com/earner/earned/badge/6b980015-da65-49c4-b901-5aa86f0b3404>

### Volunteer- Training and placement cell (07/2017 - 06/2018)

## TRAINING

### Microsoft Technology Associate Education, Hyderabad (06/2017 - 07/2017)

Core Java

### Simplex Casting Limited, Bhilai (05/2019 - 06/2019)

ERP manangement

## LANGUAGES

English

Professional Working Proficiency

Hindi

Native or Bilingual Proficiency

## INTERESTS

Computer Networking

Poetry Writing ( Participated in IIITM Poetry writing Qurbat club competition )

Exploring places

Mathematics

Stock trading