



# Amit Kumar Singh

Software Developer

Technology is my passion, improvement is my path and perfection is my goal. We love challenges in our field and try to accomplish them on time.. So, I'm interested in meeting people with similar backgrounds. Your organisation's/ company's success and growth is my mission. "

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## EDUCATION

### B.TECH

NIT , Hamirpur

07/2017 - Present

8.29

Courses

- CSE

### 12 TH

B.D.C.K. Inter College,Khajauli, Madhubani

05/2015 - 04/2016

69%

### 10 TH

Rameshwar High School , Rajnagar, Madhubani

05/2013 - 04/2014

69%

## WORK EXPERIENCE

### INTERNSHIP

NIT,HAMIRPUR

05/2020 - 06/2020

Tasks

- COVID-19 Detection, Image Colorisation, Anomaly Detection, Image Detection . These are done with the help of CNN, VGG16.

Contact: Dr. Basant Subba - basantsubba@nith.ac.in

## CERTIFICATES / ACHIEVEMENTS

### Machine Learning

[https://www.coursera.org/account/accomplishments/records/DTKEXZ6F6E8H?utm\\_source=link&utm\\_medium=certificate&utm\\_content=cert\\_image&utm\\_campaign=sharing\\_cta&utm\\_product=course](https://www.coursera.org/account/accomplishments/records/DTKEXZ6F6E8H?utm_source=link&utm_medium=certificate&utm_content=cert_image&utm_campaign=sharing_cta&utm_product=course)

### Convolutional Neural Networks in TensorFlow

[https://www.coursera.org/account/accomplishments/records/H7MBNYXZ6DP3?utm\\_source=link&utm\\_medium=certificate&utm\\_content=cert\\_image&utm\\_campaign=sharing\\_cta&utm\\_product=course](https://www.coursera.org/account/accomplishments/records/H7MBNYXZ6DP3?utm_source=link&utm_medium=certificate&utm_content=cert_image&utm_campaign=sharing_cta&utm_product=course)

### Neural Networks and Deep Learning

[https://www.coursera.org/account/accomplishments/records/LMVVSC9CCSK4?utm\\_source=link&utm\\_medium=certificate&utm\\_content=cert\\_image&utm\\_campaign=sharing\\_cta&utm\\_product=course](https://www.coursera.org/account/accomplishments/records/LMVVSC9CCSK4?utm_source=link&utm_medium=certificate&utm_content=cert_image&utm_campaign=sharing_cta&utm_product=course)

### Front-End Web UI Frameworks and Tools: Bootstrap 4

[https://www.coursera.org/account/accomplishments/records/AVP5VJSLWE42?utm\\_source=link&utm\\_medium=certificate&utm\\_content=cert\\_image&utm\\_campaign=sharing\\_cta&utm\\_product=course](https://www.coursera.org/account/accomplishments/records/AVP5VJSLWE42?utm_source=link&utm_medium=certificate&utm_content=cert_image&utm_campaign=sharing_cta&utm_product=course)

### National Means Cum-Merit Scholarship

AIR 12 (in class 8th)

## SKILLS

PYTHON , C/C++ , JavaScript ,

ML, DEEP LEARNING

REACTJS, BOOTSTRAP ,HTML, CSS,

SQL, MONGODB,FLASK

## PERSONAL PROJECTS

### Hospital Management

- A fully functioning Hospital Management and application using ReactJs as front end and MongoDB as backend ,This website is keeping track of progress of hospital , Patients can take appointment, List of Doctors' and some other functionality

### ONLINE RESULT ALERT SYSTEM

- An application used to alert the students about their result .Students got their result in their phone through message

### MultiThreaded ONLINE QUIZE SYSTEM (using socket programming)

- This website allow to upload questions using excel file , and after taking the quize it display submitted answer along with correct answer

### Breast cancer prediction

- This project gives 97% accuracy about the patients ,if they have this type of cancer or not.. This project is done with Hyperparameter tuning with tested on different ML algorithm

### Product Recommendation

- This project is fully based on Algorithm Association Rule

### Customer Segmentation

- This project gives you 3-D visualisation of customer cluster

### Crime Analysis

- This project is done with Model selection , Kfold algorithm. It gives 98% to 99% accuracy.

### Salary prediction

- This project predicts the salary of a person with some information. I have also developed the website for this project

### Language prediction

- This project predicts the different language with 97% accuracy. This project is tested on KNN, SVC, NB along with K\_fold `validation.

## INTEREST

Coding, Learning New Technologies, Blockchain

## LANGUAGES

ENGLISH

Full Professional Proficiency

HINDI

Native or Bilingual Proficiency