

**ARKAZA KUMARI**

**1607039**

**Information Technology**

**B. Tech-IT**

**National Institute of Technology Patna**

**Female**

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**Mobile: 8084310487**

## Internship & Project

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### Controlling our car through Bluetooth Low Energy

**Samsung R&D**

**Timeline-** Jan'20 -Apr'20

**Noida**

- Developed a project in android and java to use a Smartphone app as a key to any vehicle.
- For the connection to the car I had used Bluetooth Low Energy (BLE) technology.
- The mechanism for key generation and transfer should be very secure, and to achieve that I had used Cryptographic techniques.

### Text Summarization using query expansion

**NIT Patna**

**Timeline-** Jan'19 -May'19

**Dr. Akshay Deepak**

Developed a program in python using Data Mining and Machine Learning algorithm for text Summarization which condensing the source text into a shorter version preserving its information content and overall meaning.

### Data Gathering With Minimum Number of Relay Packets in Wireless Sensor Networks

**NIT Patna**

**Timeline-** May'19- July'19

**Dr. Dinesh Dash**

Developed a program in MATLAB which focuses on how to plan a travelling path that meets the delay requirement of time-sensitive applications for data collection and reduces the amount of relay packets in the WSNs.

## Educational Qualifications

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Examination	University	Institute	Year	% / CGPA
B-Tech	NIT Patna	NIT Patna	2020	8.05
Intermediate	BSEB	M.R.S.M ANANDPUR	2014	78.8
Matriculation	BSEB	R.C Kharari	2012	81.4

## Technical Skills and Interest

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**Languages:** C, C++ , java

**Operating Systems:** Windows 10/7

**Database:** MySql

**Web:** HTML, CSS , JavaScript

**Interest:** Data structure and Algorithm, Web Application, Android Development

## Extra-curricular Activities

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- Active participation in online coding competitions on various platforms.
  1. <https://www.hackerearth.com/@singharkaza271297>
  2. [https://www.codechef.com/users/arkaza\\_44](https://www.codechef.com/users/arkaza_44)
  3. [https://www.hackerrank.com/princess\\_999](https://www.hackerrank.com/princess_999)
  4. <https://www.interviewbit.com/profile/Arkaza>
- Secured **1st position** in “Algo z ripper” event which is technical fest of NIT Patna.
- Secured **1<sup>st</sup> rank** in district(Darbhanga) in 12<sup>th</sup> examination.

## Personality Traits

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- Dedicated and result-oriented
- Positive attitude towards life
- Having good analytical skills
- Responsive and Creative
- Hard-working and Adaptable

## Personal Details

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Nationality	: Indian
Languages Known	: English and Hindi
Hobbies	: Watching news, Internet surfing , Play badminton, Play chess.
Mailing Address	: At + Po- Hathauri , Dis-Darbhanga , 847301

## Declaration

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I hereby declare that above mentioned information is true to the best of my knowledge and belief.

**Arkaza Kumari**