

# VIKRANTH BARI

International Institute of Information Technology, Bangalore

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## Education

<b>International Institute of Information Technology Bangalore</b> <i>Master of Technology in Computer Science</i>	<b>July. 2022 – Present</b> 3.02 / 4
<b>RITS, Bhopal</b> <i>Bachelor of Technology in Computer Science</i>	<b>July. 2017 – July 2021</b> 8.40 / 10
<b>Kendriya Vidyalaya No.3 Surat</b> <i>HSC Science</i>	<b>May. 2016 – May 2017</b> 76.6%

## Projects

<b>Abstractive Summarization</b>   <i>Python, NLP</i>	<b>March 2023</b>
<ul style="list-style-type: none"><li>Created a model to generate summary for a given twitter hashtag.</li><li>Created dataset using web-scraping and preprocessed it as per the requirement.</li><li>Fine tuned a Large language model for our project, for this I've used Simple T5 model.</li></ul>	
<b>Home Loan Default Risk Prediction</b>   <i>Python, Supervised Learning</i>	<b>October 2022</b>
<ul style="list-style-type: none"><li>Trained a model to predict whether a client will repay his/her loan or not.</li><li>Trained my LGBM model on dataset after lot of pre-processing.</li><li>Got training accuracy of 94%.</li></ul>	
<b>Neural Network from Scratch</b>   <i>Python, Jupyter, Numpy, Pandas</i>	<b>December 2022</b>
<ul style="list-style-type: none"><li>Created NN without using any pre-build library to classify the MNIST dataset.</li><li>Used ReLu as activation function.</li></ul>	
<b>TeleMedicine Platform E-Aarogya</b>   <i>Java, Spring Boot, React js, Mysql</i>	<b>March 2023</b>
<ul style="list-style-type: none"><li>Created an OPD style tele-medicine platform.</li><li>Here patient can register and opt for appointment for a particular department, doctor of that particular department will be able to see the patient's request.</li><li>Doctor will accept the request of patient and consultation will start using video-call.</li><li>Once the call ended, the patient will get his/her prescription and can download it anytime.</li></ul>	
<b>Full stack project using React Js and Hibernate</b>   <i>Java, Hibernate, React js, Mysql</i>	<b>December 2022</b>
<ul style="list-style-type: none"><li>Created a portal for employee to do all the basic CRUD operation.</li><li>Used hibernate as my backend and React Js for frontend, also used mySql as database.</li></ul>	

## Technical Skills

**Languages:** Python, Java, C++

**Technologies/Frameworks:** Jupyter, pandas, sklearn, Simple-T5, Linux, Jenkins, Git/GitHub, Docker, Ansible, Spring Boot, React-Js, Hibernate

## Relevant Coursework

- |                   |                       |                    |                       |
|-------------------|-----------------------|--------------------|-----------------------|
| • Data Structures | • Database Management | • Operating System | • Software Production |
| • Algorithms      | • NLP                 | • Software System  | Engineering           |

## Leadership / Extracurricular

<b>Electhon-2023</b> <i>President</i>	<b>Spring 2020 – Present</b> <i>University Name</i>
<ul style="list-style-type: none"><li>Achieved a 4 star fraternity ranking by the Office of Fraternity and Sorority Affairs (highest possible ranking).</li><li>Managed executive board of 5 members and ran weekly meetings to oversee progress in essential parts of the chapter.</li><li>Led chapter of 30+ members to work towards goals that improve and promote community service, academics, and unity.</li></ul>	