

# JITENDRA SINGH BHADORIA

Portfolio : [jitendrabhadoria.github.io](https://jitendrabhadoria.github.io)  
Github : [github.com/jitendrabhadoria](https://github.com/jitendrabhadoria)  
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## EDUCATION

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- **Indian Institute of Information Technology, Lucknow** Lucknow, UP, India  
*M. Tech. - Computer Science (Artificial Intelligence), CGPA: 8.75 / 10.00* Aug 2022 – Current
- **Medi-Caps University, Indore** Indore, MP, India  
*B.Tech. - Information Technology, CGPA: 7.58 / 10.00* Aug 2016 – May 2020
- **S.I.C.A. Sr. Sec. School** Indore, MP, India  
*CBSE: AISSCE 2016, Percentage: 80.6%* 2014 – 2016

## EXPERIENCE

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- **Indian Institute of Information Technology** Lucknow, UP, India  
*Teaching Assistant* Aug 2022 – Present
  - Exam evaluation, Computer Lab Conduction and Evaluation.
  - Collaborated with the classroom teacher to administer tests and curriculum instruction to students.
- **Osiyatech** Indore, MP, India  
*Web and Game Development Intern* Jun 2019 - Jul 2019
  - Developed a cloud-based solution to automate and enhance the engineering process for inventory management using Flask framework of Python for US based client, an engine manufacturing company.
  - Developed a Game using Godot Game Engine. Oversaw all aspects of front-end development and few modules in the back-end as well.

## PROJECTS

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- **Master Thesis:**  
Drone Assisted Surface Damage Detection in Historical Monuments using Deep Learning (Ongoing)
- **Plant Disease Detection using Machine Learning:**  
I constructed a convolutional neural network to predict plant illness using a publicly available dataset of images of healthy and diseased plant leaves taken under regulated conditions. I used multiple layers and hyperparameters to develop, train, and test this classification model.
- **Image Caption Generator Using Machine Learning:**  
I implemented the image caption generator using CNN and LSTM (Long short-term memory) in this project. Xception, a CNN model trained on the imagenet dataset, will extract image features, which we will feed into the LSTM model to generate picture descriptions.
- **Full Stack Chat App using Socket.io:**  
The application supported one-to-one, as well as group chats along with typing indicator and emoji support.
- **WhatsApp Anyone – A Progressive Web Application:**  
Using this application, you can send message to anyone on WhatsApp without adding their contact on your device.
- **ERP for an Agritech Company:**  
Planned, developed, tested, deployed, and maintained the web application for solving complex tasks pertaining to Client Management, HRM, Inventory Management and Finance.
- **Air and Noise Pollution Monitoring System using IoT – Minor Degree Project:**  
Spearheaded the development of an IoT based Air and Noise Pollution Monitoring System. This project was aimed at monitoring air and noise pollution using multiple sensors, also sending SMS, in case of high concentration of harmful gases to authorities; communicating through IoT. The project was able to perform predictably.

## TECHNICAL SKILLS

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- **Languages:** Python, PHP, C++, JavaScript, SQL, HTML, CSS, jQuery, Machine Learning
- **Frameworks & Libraries:** Flask, Bootstrap, React
- **Tools:** GIT, MySQL
- **Platforms:** Linux, Web, Windows, Arduino, Adobe Graphic Suite, Google Firebase & Analytics
- **Soft Skills:** Leadership, Event Management, Competitive Programming

## VOLUNTEER EXPERIENCE

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| • President – STIC Medi-Caps University, Indore                | <i>Apr 2019 – Jul 2020</i> |
| • Marketing Team Member – TEDxMediCapsUniversity               | <i>Aug 2018 – Mar 2019</i> |
| • Organised IONOS'18 – Annual Techfest of Medi-Caps University | <i>Aug 2017 – Mar 2018</i> |
| • Volunteered for ICANT'18                                     | <i>Jan 2018 – Feb 2018</i> |
| • Organized SRIJAN 2017  | <i>Jan 2017 – Mar 2017</i> |