

# Lagadapati Krishna Chaithvika

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## EDUCATION

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### International Institute Of Information Technology

Master of Science, Information Technology, CGP - 8.76

Telangana, India

July 2019 – June 2021

### Dhirubhai Ambani Institute Of Information And Communication Technology

Bachelor of Technology, Information and Communication Technology

Gujarat, India

July 2014 – May 2018

## EXPERIENCE

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### Informatica

Software Engineer

TamilNadu, India

Jan. 2022 – Aug. 2022

- Front-end - Worked on both React Type Script and Angular JS - Implemented websites and landing pages from concept through deployment; Standardized all output with new, responsive, mobile-first approach and strategy; Assessed UX and UI designs for technical feasibility
- Back-end development using Java to develop new features; Provided code maintenance and system upgrades to maximize performance; Built databases and table structures using EMF model for the applications developed.

Associate Software Engineer

Sep. 2020 - Dec. 2021

- Developed REST APIs using Spring Boot and documented them using Swagger
- Worked on UI bug resolving and feature enhancements using Angular JS
- Developed automation scripts using selenium. Also worked on regression testing and bug tracking
- Executed Benchmarking, Load and Performance test procedures using Spark, Hbase and Jmeter
- Train, manage and provide guidance to software development interns

### Hardware Development Internship

Dhirubhai Ambani Institute Of Information And Communication Technology

Gujarat, India

May 2017 – July 2017

- Developed a "Bank Locker Security System Using GSM And RFID"

### Rural Internship

Dec 2015 – Jan 2016  
Dec 2015 – Jan 2016

Andhra Pradesh, India

Navajeevan Bala Bhavan Society

- Worked as an intern at an NGO named Navajeevan, where I was on field rescuing and rehabilitating street and working children, especially from the marginalized communities/families

## PROJECTS

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### Placement Website | MERN stack, HTML, Boot Strap, CSS, Git

- Developed a placement portal for both mobile and web usage where users will be able to register and then log in to see all the details regarding the drive happening and notifications will be to the users regarding any updates. I also implemented version control which supports uploading various versions of resumes for different companies and keeping track of them for further insights.

### Detection of Motorcyclists without Helmet

- Inspired by a paper from IIT-HYD, worked on detection of motorcyclists without helmets in videos using convolution neural network which is a highly desirable but challenging task due to various difficulties such as occlusion, illumination, poor quality of surveillance video, varying weather conditions, etc.

### Book Review Website | Python, Flask, PostgreSQL, HTML, CSS

- Developed a book review single page full stack application with Flask serving as Rest API where users will be able to register in the website and then login in the website. Once the user logs in, the user will be able to search for books, leave reviews for individual books, and see the reviews made by others.

### Airline Reservation System

- Built a database system that answers SQL queries efficiently, stores and retrieve data programmatically, indexes data to accelerate and optimizes big-data computations for airline reservation system that manages flight schedules, available seats, flight bookings, flight cancellation, passenger details, transaction details and discount coupons.

### **WIFI Controlled Rover Robot**

- Designed and created a remotely controlled two-wheeled robotic rover over a wi-fi network. The robot can be controlled from an ordinary internet browser. An Android smartphone is used to broadcast video and audio from the robot to the operator's control interface.

### **Wireless Mobile Charger**

- Developed a project design of a simple wireless mobile charger which consists of a transmitter circuit and a receiver circuit, that charges mobile when placed near a transmitter.

## **TECHNICAL SKILLS**

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**Languages:** Java, Python, R

**Databases:** MySQL, PostgreSQL, MongoDB, Hbase, Phoenix

**Frameworks:** React, Node.js, Flask, JUnit, Swagger

**Web Dev:** Spring Boot, HTML, CSS (SCSS), Bootstrap, JavaScript, jQuery, React.js, Type Script, Flask, Angular JS, Angular JS Material

**Testing:** Selenium, YARN Hadoop, Spark, Jmeter

## **ROLES AND RESPONSIBILITIES**

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- Student Placement Co-ordinator for the class of MSIT 2020-2021
- Chief organizer for Sambhav at DA-IICT, 2015-2018