

# YATISH CHANDRA EMMANI

+1 732 487 0572 | [ye65@njit.edu](mailto:ye65@njit.edu) |

[LinkedIn@yatishchandraemmani/](https://www.linkedin.com/in/yatishchandraemmani/) | [Github@Yatish-Chandra/](https://github.com/Yatish-Chandra/)

## EDUCATION

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NEW JERSEY INSTITUTE OF TECHNOLOGY(NJIT)  
**Master of Science in Data Science**

Newark, NJ, US  
Jan 2022

INDIAN INSTITUTE OF TECHNOLOGY (IIT)  
**Bachelor of Technology (Hons.) in Mechanical Engineering**, CGPA 6.6/10.0

BHUBANESWAR, IN  
Aug 2016 - May 2020

TIRUMALA JUNIOR COLLEGE  
**Andhra Pradesh Board of Intermediate Education(MPC)**, Marks 973/1000

RAJAHMUNDRY, IN  
July 2013 - Apr 2015

## SKILLS

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**Languages:** C, HTML, CSS, JavaScript, PHP, Python, Matlab

**Platforms:** XAMPP, MYSQL, Jupyter Notebooks

**Software:** Android Studio, Adobe Photoshop, Illustrator, Premiere Pro, Microsoft Office, Solid Works, Ansys, AutoCAD

## PROFESSIONAL EXPERIENCE

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PRAJAWALA SYSTEMS AND SOLUTIONS PRIVATE LIMITED

### App Developer

CHENNAI, IN  
Jan 2021 - Oct 2021

- Designed an application UI and UX for consumer and distributor coordination
- Application programming interface for transferring data from prototype to SQL database and data from SQL database to respective user portals

PRAJAWALA SYSTEMS AND SOLUTIONS PRIVATE LIMITED

### Internship

CHENNAI, IN  
Jan 2021 - Feb 2021

- Research about latest trends in Android Development and finalizing a UI suitable for the company needs

VASITARS PRIVATE LIMITED

### Internship

CHENNAI, IN  
May 2019 – Jul 2019

- Built an attendance and information management portal for the employees of the company
- Designed by using PHP and JavaScript, which is used to keep a record of the information on working hours of around 25 employees and also the work progress of each individual
- Assisted the R&D team in different aspects and responsibilities when needed with my mechanical knowledge
- Planned, modified, and executed research techniques, procedures, and tests for the coating material

## ADDITIONAL PROFESSIONAL EXPERIENCE

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INDIAN INSTITUTE OF TECHNOLOGY

- Governor of **Web and Design Society**
- Web and Design Head at **Wissenaire, Annual Techno-Management fest**
- Member of **Design and Innovation Centre**
- Member of **Souls for Solace, Social Welfare Society**

BHUBANESWAR, IN  
Apr 2018 - Apr 2019  
Feb 2018 - Feb 2019  
May 2018 - May 2020  
Apr 2018 - Apr 2019

## PROJECT EXPERIENCE

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INDIAN INSTITUTE OF TECHNOLOGY

### Dynamic Web Page Design (Students Gymkhana Website)

- Developed a website using PHP where members can edit the contents of a page like adding albums, modify text on an approval basis where one must request the change, and it will be changed automatically after the approval

BHUBANESWAR, IN  
Nov 2018 – Mar 2019

**Participant Registration and Campus Ambassador Portal**

Oct 2018 - Jan 2019

- Brought off a PHP dashboard for Wissenaire, Annual Techno-Management fest of IIT Bhubaneswar, where participants get points through sharing Facebook posts, giving potential contacts of participants/professionals, giving valuable suggestions for the fest, and also a registration portal along with a fully responsive fest website

**Naive Bayes' Machine Learning model to screen arrhythmia signals from normal ECG (BioMedical Systems Course Project)**

Sep 2018 - Nov 2019

- I investigated Real-time and adaptive techniques for the detection and the delineation of the P-QRS-T waves to extract the fiducial points

**PERSONAL ADVANCEMENT**

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**R Programming** [Coursera – Johns Hopkins University]

Jul 2021

**Python Data Structures** [Coursera - University of Michigan]

Jul 2021

**Programming for Everybody (Getting Started with Python)** [Coursera - University of Michigan]

Jul 2021

**ACHIEVEMENTS**

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- Represented **IIT Bhubaneswar** through **Web and Design Society** in **Inter IIT Cultural Meet 2019** and **gained 9th position.**
- Qualified among the top 0.3% of students (150,000) and secured an all India rank of 4762 in the Joint Entrance Exam. – Adv. 2016
- Qualified among the top 0.1% of students (of 1,200,000) in the Joint Entrance Exam. - Mains in 2016