

# Kanak Ramteke

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## EDUCATION

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- **Indian Institute of Technology(IIT) Patna** Patna, India  
(BTech in Computer Science and Engineering. **CPI: 7.9**) July 2020 - May 2024 (Expected)
- **Delta Junior College** Hyderabad, India  
(Telangana State Board of Intermediate Education (TSBIE). **Percentage: 94.7%**) Apr 2017 - Mar 2019

## ACCOMPLISHMENTS

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- **1st Position**, UI/UX Hackathon conducted by Ecell, IIT Patna.
- **3rd Position (High Prep)**, Inter-IIT Tech Meet Conducted by IIT Kanpur

## PROJECTS

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- **Identification of Emotional Reasoning in conversations, ML)** Jan '21 - July '21  
*Prof. Asif Ekbal (IIT Patna)*
  - Made a tool to detect emotion reasoning for the utterances along side stating its emotion and the cause for the emotion, achieved a peak accuracy of **83.3%**.
  - The dataset is developed upon the utterances taken from case study or the interaction between various people suffering from some kind of mental illness.
  - Implemented various classifiers, analysed their performances during the project.
- **MESSIN (Mobile App Design)** Project Link  
*Personal Project*
  - Designed a conceptual app to reduce food wastage in the Mess at IIT Patna.
  - Collaborated to find an optimal design solution for food wastage based on research insights and pain points among mess staff and students.
- **GROW SIMPLE - Route Planning for optimised on-time delivery** Project Link  
*Personal Project*
  - Developed methods for the dynamic route problem, bag construction, and dynamic pick up spots as part of an 11-member team.
  - Created a mobile and web application to assist riders in efficient item pick up and delivery.
  - **GitHub Repository:** [github.com/IIT-Patna-Inter-IIT-Tech-Meet/grow-simplee-backend](https://github.com/IIT-Patna-Inter-IIT-Tech-Meet/grow-simplee-backend)

## SKILLS/RELEVANT COURSEWORK

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- **Programming/Development Languages:** C/C++, Python, HTML, CSS, PHP, SQL
- **Core Courses:** Algorithms and Data Structures, Discrete Mathematics, Computer Networks, Probability and Random Processes, Database Management Systems
- **Professional Skills:** Soft programming, Object Oriented Programming(OOPs), MySQL
- **Tools:** Git, VS Code, Adobe Photoshop, Figma

## SOCIETIES/EXTRA-CURRICULAR ACTIVITIES

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- **Coordinator** of Vincetroke, Fine Arts Club of IITP.
- **Sub-Coordinator**, of Events and Management Committee at INFINTO, sports fest of IITP.
- **Sub-Coordinator** of Marketing and Sponsorship Sub Coordinator at CELESTA, Techno-Management fest of IITP