Tanishq Malu

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EDUCATION

- **Indian Institute of Technology Patna**   July 2019 - Present
  B.Tech, CSE   *CPI: 9.28/10*

- **Gyan Ganga International Academy, Bhopal**   Apr 2018 - Apr 2019
  12th - CBSE Board   *%AGE: 97%*

- **St. Joseph's Co-ed School, Bhopal**   Apr 2016 - Apr 2017
  10th - CBSE Board   *CGPA: 10/10*

COURSEWORK AND TECHNICAL SKILLS

- **Relevant Courses**
  - **Computer Science:** Data Structures and Algorithms, Switching Theory, Database Management system(ongoing), Formal language and automata theory(ongoing), Computer Architecture(ongoing)
  - **Mathematics:** Linear Algebra, Probability and Statistical Theory, Real and Complex Analysis.

- **Programming Languages:** C, C++, Python, MERN, JavaScript, HTML/CSS, MySql, PHP, MIPS

KEY PROJECTS AND EXPERIENCE

- **Amazon Hackathon 2.0**   Apr 2021 - May 2021
  - Developed an E-commerce website for wholesalers and NGOs, with extra features like bestsellers in a region, extra discounts on Near to expiry products and separate coin system for NGO.
  - Technologies used: **Mongo db, Express, React js, Node js**.

- **Detection of micro-location of events using tweets**   Feb 2021 - May 2021
  - Developed an offline Ml model to **detect both events and location of events** using tweets data.**NER models** were trained to detect indian cities and town from tweets's text data with an accuracy of **98.2%**
  - Applied various topic modelling techniques like **LSA, PLSA, LDA and Twitter LDA**.
  - Technologies used: **Python, Gensim**.

- **Vishleshan Hub IIT Patna**   Feb 2021 - May 2021
  Yet to be launched
  - Developed a new website to ease working of Innovative hub of IIT Patna
  - Technologies used: **React Js, Javascript, Bootstrap**.

- **Online Notice-Board**   Feb 2020 - May 2020
  - Online platform to broadcast notices and to send user specific notice as well.
  - Technologies used: **Html, CSS, Javascript, Php, and Mysql**.

ACHIEVEMENTS AND CO-CURRICULAR ACTIVITIES

- Secured **under 1000 rank** in various **Google kickstart** rounds, with best rank **787**.
- Ranked as **top 2%** in **Google Code Jam** First Round amongst **over 40,000 participants globally**.
- Ranked **2523** in JEE Advanced 2019 **out of over 12,00,000 candidates** screened by the examination.
- Receiver of **NTSE** Scholarship from the Government of India.
- Played Roll-Ball at **State level** for Madhya Pradesh.
- **Coordinator of Media and public realtions, INFINITO**(The sports fest of IIT Patna)
- **Coordinator of Exousia**, The dance club of IIT Patna.