SACHIN KUMAR YADAV

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Education

- **Indian Institute of Technology(IIT) Patna** Patna, India
  *(M.Tech in Computer Science and Engineering. **CPI: 8.2**)* *July 2024 - May 2026 (Expected)*

- **Gurukula Kangri University Haridwar** Haridwar, India
  *(B.Tech in Computer Science and Engineering. **CPI: 8.87**)* *July 2020 - May 2024*

- **Delhi Public International School Muzaffarpur** Muzaffarpur, India
  *All India Senior School Certificate Examination(AISSCE) conducted by CBSE. **Percentage: 86.0**%)Apr 2017 - Mar 2019*

Accomplishments

- 2 Star on codchef with max rating **1057**.
- 4 Star on HackerRank with max rating .
- Secured an All India Rank of **882** out of more than **0.125** million candidates in GATE CSE 2024.

Projects

- **Whatsapp Chat Analysis (Classifier Algorithms, ML)** **Source Code**
  Self Project *Dec '24 - Dec '24*
  - Made a tool for Whatsapp chat analysis using streamlit.
  - This will give some insights about your group chat or personal chat.
  - I have deployed this project on render. for reference kindly visit here: link

- **Spam Email Prediction (Classifier Algorithms, ML)** **Source Code**
  OASIS INFOBYTE INTERSHIP *Jan '23 - July '23*
  - Made a tool for email spam prediction for a random email, achieved a peak accuracy of **96.6**%.
  - Extracted email data of 5600 user's from the web and converted them into a structured dataset.
  - Implemented various classifiers, analysed their performances during the project.

- **Iris Prediction (Classifier Algorithms, ML)** **Source Code**
  OASIS INFOBYTE INTERSHIP *Jan '23 - July '23*
  - Made a tool for iris prediction for a random iris flower, achieved a peak accuracy of **95.5**%.
  - Implemented various classifiers, analysed their performances during the project.

- **Car Price Predictor (Classifier Algorithms, ML)** **Source Code**
  OASIS INFOBYTE INTERSHIP *Jan '23 - July '23*
  - Made a tool for Car price prediction for a random random car, achieved a peak accuracy of **87.09**%.
  - Implemented various classifiers, analysed their performances during the project.

Skills/Relevant coursework

- **Programming/Development Languages:** C/C++, Python, HTML, CSS, PHP, SQL
- **Core Courses:** Algorithms and Data Structures, Discrete Mathematics, Digital Design, System Design, Database Management Systems
- **Professional Skills:** Soft programming, Object Oriented Programming(OOPs), MySQL
- **Mathematics:** Probability and Random Processes, Multivariable Calculus, Linear Algebra, Complex analysis