

YUKTI GUPTA

ACADEMIC PROFILE

Degree/Certificate	Institution	Percentage/CGPA	Year
B-Tech	Chemical Engineering IIT (BHU), Varanasi	8.65	2021
CBSE (XII)	Ram Krishna Vidya Mandir	90.20	2016
CBSE (X)	The Woodstock School	95.00	2014

SKILLS

Languages

C, C++, SQL (basics)

Areas of interest

Algorithmic Programming, Data Structures, Object-Oriented Programming, Software Development

Soft Skills

Leadership, Teamwork, Problem Solving, Time Management, Adaptability, Communication, Decision Making

INTERNSHIP/TRAINING

Software Engineer Internship - ZestMoney

Apr'20-Jun'20

- Built a scalable Publisher Subscriber system using **Apache Kafka** and containerized using **Docker**. It comprised of modules like Producer service, Consumer service, etc.
 - Transaction related notifications were sent via Email/SMS (Payment gateway system).
- Designed a Super-Modular Digital KYC SPA using **React.js**, which can be used to do the KYC after the user registration is complete.
 - Special focus was given to user experience so that user-acquisition is not affected by asking for too many details.
- Enhanced the *AI Agent* to play a Pacman version of Capture the Flag.
 - Implemented various search algorithms like **DFS**, **BFS**, and **A* search**.
 - Set of tactic-dependent heuristics were used to calculate desirability score for each legal move.

PROJECTS

Future Links between Facebook pages

Nov'19-Dec'19

Built a link prediction model to predict the formation of links (mutual likes) between unconnected nodes (Facebook pages).

- Used **node2vec** algorithm to extract node features from the graph and fit **logistic regression model**.
- The tool would give a better understanding of the audience and help solve problems like *designing a Recommendation System* or *detecting fake news*.

POSITION OF RESPONSIBILITY

General Secretary, SoChem, IIT (BHU)

Apr'19-Apr'20

Led a team of 80+ members for organizing various skill development activities for 300+ students.

- Organized skill development workshops for students of the department throughout the year.
- Collaborated with organizations like **IOCL**, **IIFCO**, etc. for conducting industrial visits and workshops.

Public Relations Executive, Technex'19, IIT (BHU)

May'18-Mar'19

- Responsible for developing, implementing, and monitoring communications strategy to collaborate with famous personalities and companies on behalf of Technex, the techno-management fest of IIT (BHU).

Public Relations Executive, Osmoze'19, IIT (BHU)

Jun'18-Apr'19

- Communicated with the department's alumni to organize various guest lectures for the students on trending and relevant topics, at Osmoze'19 (departmental fest), IIT (BHU).

EXTRA-CURRICULAR ACTIVITIES

- Volunteer and Teacher at Gyaan Udyaan**: Active volunteer at Gyaan Udyaan, a place where underprivileged children of slums are being taught/trained in a very unconventional way of teaching.
- Student Mentor**: Provided guidance, motivation, emotional support to a team of *40+ members*. Also helped them with exploring careers, setting goals, and identifying resources.
- Case Study**: Participated in case study event SHE, Technex'19.
- Cultural Activities**: Secured **1st** position in **Jhankar'18**, Cult Weekend, IIT (BHU).
- Sporting Activities**: Represented IIT (BHU) in **Spardha'17** and bagged **Gold Medal** in Kho Kho. **Gold Medalist** in several athletic events at school.

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