

YASHI VIJAY

Final Year, RGIPT | Chemical Engineering Undergraduate

Female | 20/08/2000

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EDUCATIONAL BACKGROUND			
COURSE	INSTITUTE	CPI/CGPA/%	YEAR
B.Tech in Chemical Engineering	Rajiv Gandhi Institute of Petroleum Technology	8.21	2019-2023
XII, (BOARD)	Mittal International School	86	2018
X, (BOARD)	Sophia Girls Senior Secondary School	10	2016

* till 6th Semester

INTERNSHIP

SOFTWARE DEVELOPMENT INTERNSHIP AT BANK OF NEW YORK, MELLON. May 2022-july 2022

- Worked on a Kafka monitoring tool by creating a wrapper and extending the code base to provide authentication, entitlements and RESTful APIs.
- Widely reduced the misconfiguration of sensitive data and removed the business loss possibilities.

SOFTWARE DEVELOPMENT INTERN AT ATTENTIVE June 2021-September 2021

- Learned to work on backend projects which use data manipulation, aggregation, scrapping using python with csv, pandas and Django.
- Scrapped the Yelp website to extract details of about 4,000 landscaping companies in less than 5 minutes using python and beautiful soup module.

QUALIFIED OUTREACHY LEVEL -1 March 2021-May 2021

- Contributed to open-source in the Ocaml community.
- Improved user experience of the Ocaml manual and added a complete section of troubleshooting windows.

OPEN-SOURCE DELTA WINTER OF CODE | (NIT-TRICHI) December 2020-Jan 2021

- Created a real-time auctioning system using web sockets.
- Developed UI from scratch, added dynamic search and pagination function.
- Contributed in writing API to fetch the user's data, moved the auction data from memory to data-base, reconnected 25% users on socket disconnection and thriving to make the count 100%.

SUMMER INTERNSHIP PROGRAMME -2020 at Indian Institute of Chemical Engineering

- Got first hand exposure of various real life industrial **petroleum refining** processes, problems, trouble shooting and preventive maintenance techniques in an industry.
- Awarded with **A+ certificate** for the **excellent performer as a young intern.**

PROJECTS

DEVELOPMENT OF PHOTOELECTRODE FOR HYDROGEN EVOLUTION Aug 2020-Sept 2022

Mentor: **Dr. Amit Ranjan** | Material Science Lab, RGIPT

- Developed a transparent film of 0.6nm using PDMS.
- Coated the film with copper to increase the conductivity followed by a CdS catalytic layer.
- Used this membrane and passes visible light through it to observe hydrogen evolution under water.

ACHIEVEMENTS AND HONOURS

- Awarded with the Freshman Recognition Award for the overall performer of the year 2019-2020
- Recent review on green synthesis of nanoparticles and their biomedical applications. Published in ACS applied nano materials (august 2021). DOI-
<https://pubs.acs.org/action/showCitFormats?doi=10.1021/acsnm.1c02946&ref=pdf>

TECHNICAL SKILLS

- Computer languages: C++, Python, Java.
- Frameworks and Data-bases: React, Bootstrap, MongoDB, MySQL, Spring, Spring-Boot, Angular.
- Additional courses taken: fundamentals of C++ (coding ninjas) | data structure and algorithms (coding ninjas) | web development boot camp (Udemy) | git and version control (Udacity) | Java basic to advance (java brains)

EXTRA-CURRICULAR ACTIVITIES/PORs

- Represented Institute's volleyball team for the inter-IIT tournament at IIT-KANPUR. 2019
- Joint Secretary, RGIPT for American Institute of Chemical Engineers June 2021-present
- Overall coordinator – Cultural Club, RGIPT. Jan 2022-present
- Teaching volunteer at the social club of RGIPT: conducted online & offline lectures with a class strength-400