

YASH HARKAWAT

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[LinkedIn](#) | [Github](#)

EDUCATION

Indian Institute of Technology, Kharagpur

Jun 2018 - May 2023

Bachelor of Technology and Master of Technology in Electrical Engineering

CGPA - 7.44

WORK EXPERIENCE

Software Engineer

Dec 2023 - Present

Pulse Energy Technologies Pvt Ltd, Bengaluru

- Created both **front-end** and **back-end** functionality using **React.js**, **Node.js**, and **Prisma**.
- Developed comprehensive backend APIs for the route planning feature of the **MG Motor** app.
- Implemented report generation strategy that significantly reduced download time and server load.
- Experienced in building complete applications, integrating frontend and backend seamlessly.

Front-end Developer (Internship)

Oct 2023 - Dec 2023

Plunes Technologies Pvt. Ltd, Gurugram

- Created various forms and pages using **React JS** and **Material-UI**, ensuring a consistent design
- Identified and resolved **bugs** in the codebase, improving the overall performance of the website

Product Engineer (Internship)

May 2022 - Jul 2022

Sprinklr, Gurugram

- Created a **Chrome extension** to detect errors that occur during translation of the website
- Intercepted requests made on opening the website and detected the files used for translation.
- Highlighted i18n client-side labels with different colors based on the translation files.

PROJECTS

Blogs Website

Jun 2023 - Jul 2023

- Developed a blogging [website](#) like medium.com using **React JS** and hosted it using **firebase**.
- Implemented search and filter functionality on the basis of author, title, date and topic.
- Incorporated user-friendly post management, including creation, editing, saving and deletion.

Movies Website

May 2023 - Jun 2023

- Created a dynamic movies [website](#) using **React**, which shows **IMDB** ratings and descriptions.
- Added search, description, and likes page functionality to enhance user experience.

Genome Assembly

May 2021 - Jul 2021

- Constructed **De-Bruijn** graph from reads and assembled genome data using Eulerian Cycle.
- Used graph algorithms to remove errors like bubbles and tips from given error-prone reads.

ACHIEVEMENTS

- Secured an All India Rank of **612** in **IIT JEE Advanced** and **848** in **IIT JEE Mains**.

SKILLS

- **Development** - ReactJS, Redux, Javascript, HTML, CSS, Node JS, Typescript, C, C++, Python
- **Others** - SQL, Data Structures and Algorithms, Git, Github, AWS, Debugging and bug fixing