

# DIYA DHABADE

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## EDUCATION

**Manipal Institute of Technology**

*B.Tech in Electrical and Electronics Engineering*

**October 2020 – April 2024**

*Karnataka, India*

## TECHNICAL SKILLS

**Languages:** Python, Java, C++, HTML, CSS, JavaScript, SQL, React.JS, Redux, NextJS

**Technologies:** GitHub, Git, Excel, Jupyter Notebook, VS Code

## EXPERIENCE

**BlackRock**

**Intern : January 2024 - June 2024; Analyst : July 2024 - Present**

*Risk and Quantitative Analyst*

- Automated and presented ESG risk exposure analysis for 500+ issuers under the Good Governance framework, ensuring compliance with investment decisions. Effectively communicated key findings to risk managers in high-stakes meetings, influencing decision-making and enhancing risk assessment strategies.
- Led the HSF analysis, categorizing issuers under labor, military, thermal coal, and other risk pillars, while automating portfolio risk reports, reducing manual effort by 40 percent.
- Analyzed issuer concentration across 200+ portfolios to ensure compliance with diversification thresholds.
- Compiled and distributed weekly market risk reports, covering key risk indicators such as market turbulence, investor sentiment and ESG risk, to over 500 team members, including the risk management team.

**Larsen & Toubro**

**December 2022 – January 2023**

*Product and Technology Development Intern*

- Conducted research and developed a prototype of a Sound Bearing and Ranging system.
- Designed and implemented algorithms to process sound data from 10+ sensors, enabling precise triangulation and localization of underwater targets within  $\pm 5$  meters of actual position.

**Fiedra LLC**

**October 2021 – January 2022**

*Software Development Intern*

- Designed and developed 6+ interactive pages for a long-form social media platform using Next.js and Redux, optimizing load times by 30 percent and improving user engagement.
- Spearheaded code maintainability efforts, restructuring 5000+ lines of code, implementing best practices, and ensuring scalability for future feature additions.

## PROJECTS

**Sexedify** | Technology Stack Used: React.JS, Sass, GraphQL

- Engineered Sexedify, a full-stack web app using Next.js and Redux, enabling a secure platform for children and teens to explore body awareness and seek answers through an interactive Q/A portal; won overall at HackNITR.

## POSITION OF RESPONSIBILITIES

**GirlScript Manipal**

**September 2021 – April 2023**

*Co-founder and Design Lead*

- Co-founded the GirlScript Foundation student chapter at MIT, Manipal, organizing 5+ workshops, mentorship programs, and competitions for 200+ students to bridge the gender gap in tech.
- Led social media strategy and UI/UX development for the chapter's website, ensuring an engaging and accessible platform for the community.

**Association of Computing Machinery, Women, Manipal**

**August 2021 – June 2023**

*General Secretary*

- Led the design, development, and deployment of the computing club website, ensuring a seamless user experience.
- Managed social media, events, and collaborations, while also mentoring underprivileged girls on International Women's Day to encourage STEM participation.

**Project MANAS**

**May 2021 – December 2022**

*Team Member*

- Researched AI-driven automation for a driverless car system, aiming to enhance accessibility in India; designed and maintained the team's website using React.js, optimizing front-end performance by 20 percent through reusable components.

## ACHIEVEMENTS

- \* Received Achievers Scholarship by MIT for being in the top 5 percent of the branch in first year of engineering.