Diya Dhabade

Mumbai, Maharashtra

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EDUCATION

Manipal Institute of Technology   **October 2020 – April 2024**
B.Tech in Electrical and Electronics Engineering   *Karnataka, India*

Pace Junior Science College   **July 2018 – May 2020**
HSC Board - High School Diploma(11th and 12th grade)   *Mumbai, Maharashtra*

Pawar Public School, Chandivali   **May 2018**
ICSE Board - High School Diploma(Till 10th grade)   *Mumbai,Maharashtra*

EXPERIENCE

BlackRock   **January 2024 – Present**
Risk and Quantitative Analyst

- Contributing to building risk models such as Issuer Concentration, ensuring portfolios remain within diversification thresholds.
- Successfully transforming manual reporting processes into fully automated systems, significantly optimizing analysis time.
- Integrating SFDR regulatory requirements into daily investment strategies, enhancing sustainable investment practices.

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 multiple sensors, allowing for accurate triangulation and localization of underwater targets.

Fiedra LLC ↗   **October 2021 – January 2022**
Software Development Intern

- Built pages for the social media platform for long form content in Next.js and Redux.
- Collaborated for the business requirements on the database. Made in-charge to make code readable and maintainable.

GirlScript Manipal   **September 2021 – Present**
Co-founder and Design Lead

- Co-founded the student chapter of GirlScript Foundation in Manipal Institute of Technology with a goal to bridge the gender gap in tech and value inclusivity.
- Lead the Design team, worked on the social media posts and the UI/UX of the the upcoming website.
- Modeled and organized various workshops, mentorship programs and competitions.

Association of Computing Machinery, Women, Manipal   **March 2022 – Present**
General Secretary

- Responsible for the functioning of the community by holding events and collaborations.
- Organized and executed events for the underprivileged on International Women's Day to empower the young demographic to explore in the fields of STEM.

Project MANAS ↗   **May 2021 – December 2022**
Team Member

- Worked towards advancing research in artificial intelligence to build a driver-less car and enable automated systems for the general population of India.
- Designed, developed, coded and maintained the team website using ReactJs.
- Built reusable components to increase front-end performance by 20 percent.

PROJECTS

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

- Sexedify is a web application built to provide a safe haven for children and teens to understand and explore their bodies in the right way. It also has a portal where students can ask their doubts and get accurate and factual answers.

TECHNICAL SKILLS

Languages: Python, Java, C, C++, HTML, CSS, JavaScript, SQL, React.JS, Redux, NextJS
Technologies: Linux, GitHub, Git, Excel, Power BI, Tableau, Jupyter Notebook, VS Code

ACHIEVEMENTS

* Received Achievers Scholarship by MIT for being in the top 5 percent of the branch in first year of engineering.
* Overall Winner - HackNITR 3.0.