

IPSITA BHATTACHARYA

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EDUCATION

Maulana Abul Kalam Azad University of Technology

Kolkata, India

Bachelor of Technology (B.Tech) - Computer Science and Engineering; CGPA: 8.94

July 2019 - Jun 2023

Courses: Operating Systems, Data Structures and Algorithms, Discrete Mathematics, Statistics, DBMS, OOPs, Machine Learning, Computer Networking.

EXPERIENCE

RMgX Technologies LLP

Remote

Software Developer Intern

Jun 2022 – Dec 2022

- Collaborated and completed over **4+ client projects** and contributed over **100+ times** implementing features.
- Gained experience by working on various applications utilizing a wide range of technologies including **ReactJS, NextJS, AngularJS, JavaScript, TypeScript, MUI, NodeJS, REST API, Tailwind CSS and Postman**.
- Taken part in **SDLC** to decide the architecture of the app, **use of React, React-Redux State Management** over all pages using modern approach by **writing efficient reusable codes** to convert complex designs into **rich user interfaces**.
- Received **appreciation** from my team and clients for my dedication and commitment to delivering on time results

PROJECTS

Matilda - A discord music bot | [GitHub](#)

- A discord music bot with seamless music playback, commands, and interactive features
- Matilda plays music directly from youtube using YouTube-DL module.
- **Tech Stack:** Python, NodeJS, Discord API(discord.py), YouTube-DL, MongoDB

Lanterns - A platform to rejuvenate the business | [GitHub](#)

- Lanterns bring to all of the rural women entrepreneurs, a perfect companion for their businesses.
- It provides a solution to include over 15 million women-owned enterprises in the global market, and to rejuvenate the businesses for rural women entrepreneurs in this pandemic.
- **Tech Stack:** HTML5, CSS3, Ajax, React, Bootstrap, Javascript.

ThreeAres - An ecommerce website featuring eco-friendly products | [GitHub](#)

- Our ecommerce website will only feature recycled, biodegradable, eco-friendly products.
- It will also arrange campaigns which will connect interested nature lovers and responsible citizens.
- **Tech Stack:** ReactJS, NodeJS, MongoDB, Material UI,

SKILLS

Programming: C/C++, Python, HTML, CSS, JavaScript, TypeScript, SQL, Java

Frameworks: ReactJS, NextJS, NodeJS, AngularJS, Express, Bootstrap, Socket.IO, TensorFlow, Django, MongoDB, OpenCV

Platforms & Tools: Linux, GCP, GIT/GitHib, PostgreSQL, Docker

AWARDS & ACHIEVEMENTS

- Awarded the **Third position** in **National Hackathon Script4HER** within 27 teams.
- Solved **370+ problems** on Leetcode, building and improving problem-solving abilities and attained a contest rating of **1611**, securing a place within the top **20 percentile** of Leetcode users.
- Finalist of International **Smart India Hackathon'2022** under Ministry of Rural Development, Govt. of India , **Route Mobile RAPID Hack'21**, **HUAWEI Lib-a-thon**, **IBM Reimagine internationally**, **Microsoft BIAL Genie Hackathon**.
- **Secured global rank 1635** in Google Code Jam Women 2022.
- Selected as a Technology Fellow for **Harvard WECODE: Women Engineers Code Conference 2022** and awarded the **Harvard WEAmplify Scholarship 2022** to attend the annual conference of WE Code.
- Organized **GirlScript Foundation's WEB3CAMP** initiative which aims to increase global awareness of technological breakthroughs and opportunities.

VOLUNTEER EXPERIENCE

Mentor at GirlScript Summer of Code 2022

Remote

Empowered students as they worked on coding projects by contributing to the open-source community.

Feb 2022 - May 2022