

Ayushi Roy

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• <https://github.com/AyushiROy>

EDUCATION

SRM Institute of Science and Technology | Kattankulathur, Tamil Nadu

B.Tech in Computer Science Engineering with specialization in Artificial Intelligence and Machine Learning | GPA: 9.85 | 2022-2026

Relevant Courses: Computer Organization, Artificial Intelligence, Data Structures, Operating Systems, Algorithms & Analysis

TECHNICAL SKILLS

Programming Languages: HTML and CSS (Advanced), Javascript (Intermediate), C(Advanced), C++ (Advanced), Python (Intermediate), Java (Intermediate), C# (Intermediate)

Design: Figma (Advanced), Canva (Advanced), Adobe Illustrator (Intermediate)

Key Skills: ReactJS, Flutter, Tailwind CSS, JQuery, NodeJs, PostgreSQL

PROJECTS

GreenGo Sustainable Transportation App | PALS IIT InnoWAH! Finale

January 2024

- Led a high-performing team of 3 in developing a feature-rich mobile app using Flutter, integrating Carpooling, Cycle routes via Google Maps API, Train Schedule via IRCTC API, Step Tracking, and EcoNews modules.
- Designed the complete UI on **Figma** & helped in debugging, ideating and led the business pitch to the judges
- Presented the Project to a panel of PALS IIT members in Finals and received special mention for technology implementation and user-friendly design.

FairShare Bill Splitting Web Application | Personal Project

February 2024

- Engineered a visually appealing user interface by translating self-designed **Figma** mockups into a functional website using **React** and **Tailwind CSS** for frontend and **NodeJS** and **PostgreSQL** for backend.
- Created algorithms for splitting bills equally and unequally, keeping track of expenses and generating monthly receipts using Machine Learning.
- Has many real-time applications and is currently under College Faculty to be deployed soon and used by students

Dark Pattern Predictor UI | DPBH IIT BHU Finale

March 2024

- Created in **Figma** to visualize the front end of a Dark Pattern Predictor extension
- Project implementation was presented at IIT BHU for DPBH Finale

CommuniSafe Digital Box App | Hack-O-Hire Barclays

April 2024

- Collaborated with a team of 4 and developed a mobile application with the implementation of Communication and Document Management APIs, ETL processes and Encryption Algorithm.
- Used AWS Cloud, **React Native** and **NodeJs** for development and **Qlikview ML** for analytics.
- Implemented AI chatbot to automate complaint handling and customer service.
- Classified complaints based on severity and allowed instant two-way communication

PROFESSIONAL EXPERIENCE

Software Engineer Intern | Reliance General Insurance, Mumbai

June 2023

- Trained in SQL and C# with a team of mentors and worked on improving existing database systems currently in use.
- Created CRUD applications and interfaced with APIs to enhance Banking Process
- Learnt optimization of operational workflows and integration of chatbot in the official website.
 - Gave me practical exposure to key knowledge and allowed me to attend workshops on Artificial Intelligence

Curriculum Developer | Team Everest

Summer 2023

- Developed a curriculum for English and History for underprivileged students studying in Government Schools in India
- Worked closely with the NGO leaders to ensure the best possible curriculum and enhance comprehension skills of the students.

TECHNICAL CLUB EXPERIENCE

Member | Robotics Domain | NextGen AI

September 2022 – June

2023

- Was selected by a rigorous testing and technical interview process amongst various candidates
- Assisted Club Executives to host Hackathons and Technical Fests