

Amit Kumar

4rd Year Undergraduate
Department of Mining Engineering

Email : kamitssm@gmail.com
Phone : +91-7479183592

Academic Qualifications

Year	Degree/Certificate	Institute	CPI/%
2019 - Present	M.Tech Dual Degree 5Y	Indian Institute of Technology, Kharagpur	7.85/10
2018	CBSE(XII)	St. Paul's School	81%
2016	CBSE(X)	St. Paul's School	95%

Internships

Software Developer Intern | Rapidly Inc.

(Jan'23 - Apr'23)

- Developed a ChatGPT based email summarizer browser extension using Next.js, Node.js and MongoDB.
- Handled the user authentication and management flow using AWS cognito.
- Created various MongoDB models and schemas for efficient data management.
- Developed a responsive landing website for the browser extension in React.js and Node.js

Frontend Developer Intern | React | InstEasy

(Aug'22 - Sept'22)

- Devised and designed a user-friendly E-learning website using the JavaScript framework React.js for the frontend
- Created accessible, responsive, and functional user interface of the website by using frameworks like MaterialUI.
- Fixed bugs in an existing website and implemented enhancements that significantly improved user experience

Key Projects

Ecommerce Website | React.js | Django | <https://github.com/kamitssm123/Ecommerce-Website.git> (Nov'22)

- Built a website with facility to register, place/view orders segregated for each user, and make payments via PayPal Payment Gateway API
- Profile view where users can edit their details and view orders, and an Admin Tab which is only visible to Admins
- Generated the frontend using ReactJS and developed the backend using the Django rest framework

CourseShare | React | Node.JS | <https://github.com/kamitssm123/CourseShare-.git>

(Oct'22)

- Designed and developed a web based EdTech marketplace application for creators to upload their courses which can be accessed by registered students
- Built the frontend using React and the backend in Node/Express, with SQL as the database
- Added various features like different registration options for users, capability to add, remove and access courses

GameBox | <https://github.com/kamitssm123/GameBox.git>

(April' 22)

- Developed a platform with four rudimentary video games by leveraging the kivy framework to design the GUI
- Used pygame and tkinter modules in Python to build Snake and Ball, Ping Pong, Flappy Bird and Mine Sweeper

Technical Skills

- Programming Languages:** Python, Javascript, HTML, SQL, C/C++
- Libraries/ Frameworks:** ReactJS, NodeJS, MaterialUI Bootstrap4, Django, Kivy, Pygame, MySQL, MongoDB

Positions of Responsibility

Treasurer | Technology Mining Engineering Society | IIT Kharagpur

(Sept'22 - April'23)

- Part of a team that organized Great Step 2023, the largest annual departmental fest conducted at IIT Kharagpur.
- Raised a total sponsorship amount of INR 15.2 Lakhs, a 150% increase from last edition
- Managed a sponsorship and publicity team of 8 people, translating into 2.5k+ online and offline participation
- Conceptualized and introduced 2 new events, Code-X-Traction (competitive coding competition) and MineThon (hackathon) attracting more than 1000 participants

Extra-Curricular Activities

- Member of the gold winning team in inter-hall illumination competition held in October 2019 at IIT Kharagpur
- Member of the gold winning team in NSO Annual winter camp Nukkad competition held in December 2019
- Member of hall dramatics team in inter-hall stage play competition held in January 2020 at IIT Kharagpur
- Member of the gold winning team in Annual Science Exhibition held in December 2015 at St. Paul's School