Shibashis Das

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EDUCATION

Indian Institute of Technology Kharagpur	Kharagpur, WB
B.Tech in Engineering, Minor in Mathematics and Computing	*Aug 2018 – May 2022*
DAV Public School	Asansol, WB
Central Board of Secondary Education	*May 2016 – May 2018*
St. Vincent's High & Technical School	Asansol, WB
Indian Certificate of Secondary Education	*2005 – 2016*

EXPERIENCE

Software Developer Intern — Jun 2021 – Sep 2021
Credflow — *New Delhi, India*
- Contributed to core Credflow products implementing features including Link tracking and User invite system
- Updated legacy code in microservices and developed new APIs and fixed issues with existing **REST API** endpoint
- Developed an internal **npm** module in **TypeScript** to upload files to **AWS S3** and get a signed url to access it
- Decreased the response time of a **Node.js** PDF generating microservice from **12s** to **2s** by using puppeteer library

Web Engineer Intern — Aug 2020 – Sept 2020
Axtrion Digital — *London, UK (Remote)*
- Developed a web application using **React** to capture the user's video and audio feed using Media Stream API
- Implemented a **Socket IO** connection in **React** to achieve a bi-directional data flow between the client and server
- Implemented a **WebRTC** peer to peer connection to achieve a bi-directional communication between clients

Full Stack Developer Intern — Jun 2020 – Aug 2020
Dakshas — *India (Remote)*
- Strategized an application to help healthcare organization to optimize their PPE and equipment usage
- Developed a website using reusable **React** components with a **Django Rest API** to manage user data
- Designed a database-driven interface using **Axios** which shows PPE information according to WHO guidelines

PROJECTS

Spring Fest Website | *React with Redux, HTML, CSS, Bootstrap, JavaScript*
- Developed the desktop and mobile versions of Spring Fest websites which was used by **10000+** students
- Developed the first-ever social website which exhibited the social cause and raised awareness about hunger
- Increased user participation and and website traffic by **60%** in the current year by improving user experience

RP Hall Website | *Django(Python), HTML, CSS, Bootstrap, JavaScript*
- Created a fully responsive website which manages the user data of over **1000** students
- Implemented a user authentication system using **Django** auth library and built a complaint and a feedback portal
- Working with a group of students, this began as an ambiguous project that we drove to completion

TECHNICAL SKILLS

Languages: C++, JavaScript, TypeScript, HTML, CSS, SQL
Tools & Frameworks: Node.js, Django, React, Redux, WebRTC, Git, MongoDB, Redis
Relevant Coursework: Design of Algorithms, Probability and Statistics, Transform Calculus, Linear Algebra
Industry Skills: Back-end Development, Front-end Development, Object Oriented Programming

EXTRA CURRICULAR ACTIVITIES

- Participated in Inter-Hall Open-Soft and won **Silver** in the General Championship
- Part of the Inter-Hall Football team of RP hall and won **Silver** in General Championship, 2019 and 2020
- Part of the Athletics team , and won the Athletics Cup as a team in the General Championship
- Part of the Aquatics team of RP hall and showed commendable performance in the tournament
- Participated in Open-IIT Street-play and came in **fourth** position in the tournament
- Volunteered at NSS, IIT Kharagpur, organized blood donation camp in collaboration with NCC
- Participated in the Hack Maker Global AI ShowCase and was in the international TOP 50 as part of the team