Shubham Tiwari

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EDUCATION

Indian Institute of Technology (Banaras Hindu University), Varanasi — Jul 2017–Jun 2022
IDD (M.Tech + B.Tech) in Electrical Engineering, 7.70 CGPA

- Secured **All India Rank 3393** in JEE Advance and **5140** in JEE Main 2017.

SKILLS

- **Programing Languages:** C, C++, Python.
- **Web Development:** HTML, CSS, JavaScript, Reactjs, Redux, Nextjs, TypeScript.
- **Other:** Data Structure, Algorithms, OOPs, Operating System, Unreal Engine 5.

EXPERIENCE

Metadome.ai — July 2022 - Dec 2022
Software Development Engineer

- Build an end-to-end **chat application** in the **Metaverse** Project as part of the **Frontend** team.
- Developed an algorithm to create a **3D floor plan** from textual data (in JSON) of a house where users can walk around in.
- Created multiple reusable components for the website and Metaverse Project using **NextJs**.
- **Tech Stack**: NextJs, Typescript, Unreal Engine 5.

consPeer — May 2021 - July 2021
Software Development Intern

- Worked as a Web Developer, mainly focused on front-end design and integrating it with back-end.
- Created a, **145+** featured, product-based **Dashboard** from scratch that enables producers to monitor their product's business, tracking, and necessary information.
- Added **API's** for a tracking system that dynamically updates the product's pressure, temperature, and moisture level.
- **Tech Stack**: HTML, CSS, JavaScript, Reactjs.

PROJECTS

Video and Audio Calls
Agora, HTML, CSS, JavaScript, ReactJs

- Established real-time video and audio streams using Agora video and audio SDKs where peers can communicate one on one as well as in group.
- Used AgoraRTC for communication between server and client.

Food Order Website
HTML, CSS, JavaScript, ReactJs, Firebase

- Build a responsive Food ordering website where users can add multiple items or a single item multiple times to the cart and can filter a list of items based on categories.
- Firebase is used to create a dummy menu which is fetched through an API.
- A simple sign-up signing page is created for user authentication.

POSITION OF RESPONSIBILITY

- Hospitality Head and Publicity Manager — 2018–2019
  Responsible for hospitality and participation of teams in Prastuti'19, departmental fest of Electrical Engineering.
- Joint Secretary of Theatre Society — 2019–2020
  Conducted multiple events for club, along with handled Marketing, Publicity, and Public Relation of the events.
- Event Manager — 2019–2020
  Managed a 3-day event that had the participation of 50+ colleges at Kashiyatra'20, cultrual fest of IIT(BHU).