Tejas Kumar

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EDUCATION

•**Netaji Subhash University Of Technology**   *2021 - Present*
  B.Tech CSE   CGPA: 7.61

•**Bal Niketan Model Senior Secondary School**   *2020*
  CBSE, Chandigarh   Percentage: 93.6

•**St.John's High School**   *2018*
  CBSE, Chandigarh   Percentage: 95.4

EXPERIENCE

•**Rudraksha Welfare Foundation**   *2.5 Months*
  Fullstack Developer

  – Built a Customer Relationship Management (CRM) system to improve client handling efficiency and an Inventory Management System to optimize stock tracking and reduce manual errors.
  – Developed a responsive front-end using HTML, CSS, and Bootstrap, ensuring user-friendly interfaces and seamless navigation.
  – Maintained backend using PHP and MySQL for efficient and secure data management.}

PROJECTS

–**Real Time Code Editor**
  GitHub

  * Developed a full-stack real-time code editor using React.js, Node.js, Express.js, and Socket.io for collaborative programming.
  * Utilized WebSockets (Socket.io) for low-latency, real-time communication between clients, enhancing collaboration efficiency.
  * **Tools & technologies used:** Socket.io, React.js,Node.js, Express.js

–**FitTrack Gym Tracker**
  GitHub | Demo

  * Developed a comprehensive exercise logging web app that allows users to maintain and manage their exercise logs, including functionalities for adding and deleting exercise entries. Incorporated fields for date, duration enabling users to track their workout history.
  * Implemented robust user login functionality and profile management, allowing users to create and edit profiles with personalized features. Ensured data security and privacy through authentication and encryption measures, safeguarding user information.
  * **Tools & technologies used:** React.js, Node.js, Express.js, MongoDB.

–**MelodyLens AR**
  GitHub | Demo

  * Created an innovative AR music player application using HTML, CSS, and JavaScript, along with AR.js and AFrame.js for AR capabilities that allowed users to mix and control multiple musical instruments in real-time through AR interactions.
  * Integrated Howler.js library to manage audio playback, enabling seamless switching between different versions of a song with a focus on specific instruments.
  * **Tools & technologies used:** AR.js, AFrame.js, Howler.js.

TECHNICAL SKILLS

Languages: C++, C

Developer Tools: Git, VSCode

Web Technologies: HTML, CSS, Javscript, React.js, Node.js, Express,js

Databases: MySQL, MongoDB

Technical Skills: Object-Oriented Programming, Operating Systems, Data Structures and Algorithms

ACHIEVEMENTS

–**Awarded Scholar Award in School for 4 consecutive years**
–**Certificate of Merit, 10th CBSE Board Exams**
–**Research Paper presented in SysCom-2021**