Sangam chauhan

Roll No.: 2101181
B-tech
Electronics and Communications Engineering
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EDUCATION

•Indian Institute of Information Technology, Guwahati   *2021-2025*
 B-TECH Electronics and Communication Engineering

•10th Board   *2019*
 Arsh public school dullahapur Ghazipur uttar-pradesh CBSE BOARD

•12th board   *2021*
 M.M archana intercollege bogana Ghazipur uttar-pradesh

EXPERIENCE

•Codeclause intern
 − 1.Build a basic chat application using WebSockets. Built a real-time chat app with WebSockets using Node.js and Socket.IO. Designed the frontend with HTML, CSS, and JavaScript, and implemented user authentication and chat rooms. Integrated MongoDB for message persistence. Deployed on Heroku for scalability.

PERSONAL PROJECTS

∗**My portfolio website**
 Developed a personal portfolio website showcasing projects and skills.
 · Designed responsive layouts using HTML, CSS, and JavaScript. Integrated interactive elements with custom scripts in PHP and JS. Utilized multimedia content to enhance user engagement.

− **E-commerce website**
 Developed a full-stack E-commerce website using HTML, SASS, JavaScript, PHP, and MySQL.
 ∗ Integrated Isotope library for dynamic product grids and utilized AJAX for real-time updates. Designed responsive front-end interfaces and implemented secure back-end features for user management and order processing. Optimized MySQL queries to enhance performance and ensure a seamless user experience.

− **Track Server**
 Built front-end React components and back-end APIs with Node.js and Express for a MERN stack project
 ∗ Tools & technologies used: React.js, Node.js, Express.js, MongoDB, Git, GitHub.
 ∗ Track Server: Developed a MERN stack application that effectively managed data interactions through a responsive React interface and a secure Node.js back-end. Enhanced user experience with efficient MongoDB data handling and seamless API integration.

− **Music player app**
 Developed a comprehensive music player using HTML, CSS, and JavaScript.
 ∗ Integrated features like play, pause, next, and previous controls with a dynamic playlist. Ensured responsive design and smooth user experience across devices. Managed an array of songs with JavaScript, allowing easy track additions. Demonstrated strong problem-solving skills and technical proficiency in web development.

TECHNICAL SKILLS AND INTERESTS

Language : C, C++, Java.
Developer tools : Visual Studio Code, Git, github, git lab, IntelliJ IDEA.
web development: MERN (MongoDB, Express.js, React.js, Node.js)
Cloud/Databases: MySQL, MongoDB.
Frameworks::React.js, Node.js, Express.js, Bootstraps.
Soft skills: Strong problem-solving, effective communication.
Coursework : Data Structure and Algorithms, Database management system, Operating system,MATLAB.

RESPONSIBILITY

∗ **Developed and maintained full-stack web applications using HTML, CSS, JavaScript, PHP, and MySQL.**

∗ **Developed and integrated front-end React components with back-end APIs using Node.js, Express, and MongoDB.**

∗ **Ensured code quality, performance optimization, and security through rigorous testing and best practices.**

∗ **Managed and integrated databases (MySQL, MongoDB) to ensure seamless data persistence and scalability.**