Anjali Sahu

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Skills

Languages: C/C++, JavaScript, TypeScript, HTML,CSS.
Back-End FrameWork: Node.js, Express.js, RESTful APIs, WebSocket,MongoDB, MySQL, Microservices.
Technologies & Tools: Git, GitHub, Docker, Postman, NPM, AWS, Render, Cesium.js, Authentication, Negix.
Soft Skills: Problem-Solving, Team Collaboration, Agile Development.

Work Experience

- Developed Tack View, a 3D visualization tool using CesiumJS, Node.js, and Angular, improving user engagement by 30% through real-time data integration, Cross-Browser Compatibility and playback controls. This tool enables users to interact with dynamic data on a 3D map, allowing for the control of data playback.
- Developed a full-stack Cesium-based application with an Angular frontend and Node.js backend, integrating JWT for user authentication, Multer for file uploads, and secure API endpoints with MongoDB. Achieved a 25% reduction in unauthorized access incidents.
- Developed a Private GPT, focusing on building an intuitive and responsive frontend using Angular, Implementing speech-to-text (STT) and text-to-speech (TTS) functionalities to enhance user interaction, which improved user interaction efficiency by 40%.

Threye Interactive, Delhi March 2023 - Oct 2023 *Full Stack Developer Intern*

- Developed backend functionalities of ART3 using Node.js to support dynamic and interactive features of the platform that increased user interaction by 20%.
- Implemented Deployment Session: Designed and executed the backend logic for deployment sessions, enabling

  users to deploy and test their scenarios effectively.

  Integrated a real-time notification system with Socket.io, enhancing user engagement by providing time update

  resulting in a 50% increase in active session duration.

Education

Birla Institute of Technology, Noida July 2021 - May 2023 MCA(Master of Computer Application)

Project Work

- **Voting App:(Node js , Mongodb, Rest, API, JWT Token):**

  Developed a voting application using Node.js and MongoDB with a RESTful API, allowing users to cast votes for their chosen candidates. Implemented efficient vote counting and data management, achieving real-time results within 2 seconds.
- **Integrating google Gemini to node js application :** Integrated Google Gemini into a Node.js application to enhance functionality and streamline data processing, improving user experience through advanced AI capabilities and reducing processing time by 30%.
- Developed a custom cloud-based **IDE** using Node.js and Docker, enabling efficient development environments and seamless deployment.

Interests

Traveling, Blogging, Public Speaking..