Taniya Ghosh

SENIOR SOFTWARE ENGINEER

+91-8847841320| taniyaghosh2209@gmail.com | https://www.linkedin.com/in/taniya-ghosh-2209/

Work Experience

HEXAWARE TECHNOLOGIES, INNOVATIONS LAB(R&D) | CHENNAI, TAMIL NADU | JULY 2021 - PRESENT

Results-oriented and innovative Senior Software Engineer. Easily communicates complex technical requirements to non-technical stakeholders. Excellent leadership record of leading development teams in enterprise-wide development projects. Detail-oriented, organized, and meticulous employee.

Professional Projects

SAFE SPACE APP | 2023 - PRESENT

- Spearheaded the development of a sophisticated application allowing users to join anonymously and address sensitive topics like sexual abuse, bullying, and workplace violence.
- Utilized React Three Fiber to create a virtual metaverse with customizable meeting rooms, integrating Azure Communications for seamless calling functionality.
- Implemented advanced features such as voice modulation and screensharing for evidence presentation during meetings which increased the user engagement by 40%
- Integrated a streamlined ticketing service for users to formalize and track their complaints, enhancing the overall user experience.

TIMESHEET APP | 2023

- Developed ReactJS Productivity Tracking Portal for efficient timesheet management for WFH/WFO.
- Designed intuitive Material-UI for seamless remote work transition and enhanced hours tracking.
- Transformed application into a one-click Microsoft Teams Plugin, reducing hours management friction by 80%
- Collaborated with cross-functional teams to deliver innovative solutions, showcasing effective teamwork and communication.

3D PRODUCT CONFIGURATOR | 2022

- Conceptualized and developed a B2B app for dynamic real-time configuration of 3D product representations.
- Employed React with Material-UI to enhance the user interface and drive user engagement
- Integrated React Flow as the config editor for easily creating PBR materials and product feature customization.
- Achieved a 200% improvement in product iteration time using Three.js for powerful 3D capabilities.
- Used Python for web scraping.

3D ASSET WAREHOUSE | 2021 - 2022

- Engineered a MERN application for efficient storage and retrieval of 3D assets.
- Utilized React with MUI for an intuitive frontend, Jest for frontend testing, and Multer with Azure Blob for asset storage.
- Improved asset retrieval efficiency by 30% and user satisfaction by 25%.
- Leveraged MongoDB as the database solution and implemented Chai-Mocha for backend testing.

Skills

REACT JS - MUI, REACTFLOW, REACT THREE FIBRE(FUNCTIONAL COMPONENTS), NODE JS, EXPRESS JS, MONGO DB - NOSQL, AZURE, AR/VR, POSTMAN, CI/CD, CHAT GPT, GITHUB, POWER BI, API SCRIPTING, AGILE, JAVASCRIPT, REST API

Education

B.TECH. | ELECTRONICS AND TELECOMMUNICATION |GPA 8.5 | C.V. RAMAN COLLEGE OF ENGINEERING | 2017-2021

Certificates

- Azure Fundamentals AZ900
- Azure Data Fundamentals DP900
- Power Platform Fundamentals PL 900

Achievements

- **Hexaware Mavericks Hackathon 2021 - Winner**
- **Speaker at Hexaware Insight's session - Phygital**
- **Smart India Hackathon 2020 - Winner**