

Arsalan Patel

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SUMMARY

Dynamic Software Developer skilled in React.js, MUI, and JavaScript. Committed to crafting problem-solving, real-time solutions that drive engagement and efficiency. Committed to continuous learning and adept at thriving in dynamic environments.

EXPERIENCE

Member of Technical Staff

CCTech

March 2022 - Present, Pune

- Developed and deployed a chatbot solution integrated with Autodesk tools such as AutoCAD, Fusion 360, Inventor, Revit and iTwin, enhancing tool accessibility.
- Utilized Autodesk Forge Viewer to successfully integrate project visualization tools, enhancing client interactions and project understanding.
- Played a pivotal role in the front-end development of projects, ensuring responsive and user-friendly designs.
- Collaborated with cross-functional teams to develop and deliver full-fledged websites for clients using technologies such as JavaScript, React.js, and Grape.js.

PROJECTS

Co-Pilot for CAD

CCTech

- Developed a real-time chatbot solution integrated with Autodesk tools like AutoCAD, Fusion 360, Inventor, Revit, and iTwin, enhancing tool accessibility.
- Collaborated with team members to conceptualize, design, and implement the chatbot, resulting in improved user engagement and workflow efficiency.
- Utilized [react.js, websocket] to ensure seamless integration and functionality.

internal-people-detection

CCTech

- Developed a real-time internal people detection system leveraging Autodesk Forge Viewer and frontend technologies.
- Implemented a synchronized video feed in the top left corner of the viewer, showcasing real-time movement of people corresponding to the loaded model.
- Designed and executed frontend components to visualize and track the number of people entering and exiting the space, utilizing real-time data.
- Contributed to enhancing user experience by creating interactive barriers that displayed live counts of people entering and leaving the area.
- Collaborated with a team to integrate a sample model into the Forge Viewer, displaying people as mannequins within the model.

EDUCATION

Bachelor of Technology

MIT ADT · Pune, Maharashtra · 2022 · 7.12

SKILLS

Javascript

React.js

Next.js

Material UI

HTML

CSS