

Arsalan Patel

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Education

MIT ADT University

B.Tech in computer science and engineering

Pune, India

2018-2022

EXPERIENCES

CCTech — Member of Technical Staff

Pune, India

March 2022 – Present

- Played a pivotal role in transforming web interfaces, dramatically enhancing user experience and satisfaction through innovative design and performance optimizations.
- Contributed to a product team focused on enhancing Autodesk applications with integration of OpenAI technologies(ChatGPT), and collaborated with the AI team on creating web apps, including a web scraper and camera detection system.
- Spearheaded a groundbreaking project with the Emerging Accounts team, deploying Autodesk ForgeViewer to create visually stunning websites that showcase intricate 3D models, setting a new standard in web development.

PROJECTS

Web Scraper / *react.js, JavaScript, Python(Flask)*

- Played a key role in the development and maintenance of a web scraping application, utilizing React.js, Redux, and MUI to create responsive and user-friendly interfaces, thereby enhancing user satisfaction.
- Developed unique UI components for both manual and auto modes within the web scraping tool, enabling users to effortlessly choose their preferred method of data extraction for a customized experience.

Co-Pilot for Autodesk Software's / *React.js*

[link](#)

- As an integral part of the team, I played a role in the groundbreaking integration of ChatGPT with Autodesk's suite of tools, such as AutoCAD, Fusion 360, Inventor, Revit, and iTwin, transforming tool interaction and accessibility through cutting-edge AI technology.
- I focused on elevating the frontend experience, enabling a seamless, AI-enhanced workflow that minimized manual inputs and transformed the creative process. Our work not only streamlined operations but also set a new benchmark for precision and efficiency in design, marking a significant leap forward in how designers engage with Autodesk applications.

Weather-app / *React.js*

[link](#)

- Developed a weather application that enhances user experience by caching weather data in Redux-store and session storage, reducing network dependency, and enabling real-time weather updates by city name or automatic location detection.
- Implemented an interactive UI featuring a geographical map with dynamic zoom animations, toast notifications, and a modal for a seven-day forecast, ensuring the app's adaptability across various devices.

AI Health Care Application / *Python(Flask), HTML, CSS, Javascript*

- Developed a disease detection system capable of identifying five diseases: heart disease, pneumonia, malaria, liver disease, and diabetes.
- Employed various machine learning and deep learning methods such as random forest, deep learning DNN, J.48, CNN, and VGG16 within the system for accurate disease detection and diagnosis.

TECHNICAL SKILLS

Web Development: Html, CSS, JavaScript, React.Js, Python(Django), MUI, Redux, MongoDB, Figma

Courses

Advanced React by scrimba

[link](#)

UI Design by scrimba

[link](#)