Contact

Phone
6302632252

Email
agarwalprerna24@gmail.com

Portfolio
https://prerna2405.github.io/prerna-portfolio.github.io/

Education

2016-2020
Bachelor of Technology
Computer Science
Vellore Institute of Technology, Chennai

2014-2016
Intermediate - 11th, 12th
NRI Academy

2004-2014
High School
Air Force School, Begumpet

Skills

- Javascript, ES6
- React JS
- UI libraries - MUI, bootstrap, reactstrap
- HTML5
- CSS3
- JQuery
- Redux
- Webpack, babel
- Figma
- Responsive web design
- Other : Git, browser developer tools

Language

English

Hindi

Prerna Agarwal
Front-end Developer

Senior front-end developer with 2+ years of experience having worked on 10+ product and service based projects. Seasoned team leader with notable organising skills and a talent for blending the art of design with the skill of programming to deliver responsive web applications from scratch. Entrusted with planning and designing front-end architecture of core applications

Experience

Jun 2020 - present
Affinsys AI | Whitefield, Bangalore

Senior Front-end Developer

- Develop React and vanilla JS applications from scratch while also refactoring legacy code
- Design the UI for banking and telecom enterprise applications
- Manage a team of front-end developers and organise the work they do among the ongoing projects
- Plan the timelines, architecture and features of major company projects collaborating with a cross-functional team
- Debug and solve complex problems encountered in the javascript applications

Dec 2019 - Jun 2020
Affinsys AI | Whitefield, Bangalore

Software Development Intern

- Developed the administrator console for enterprises using react and a template library
- Designed interface for responsive HTML screens
- Developed complex interfaces involving media resources like camera, microphone, video and GIFs using HTML, CSS, JS
- Designed and developed POCs for client prospects

May 2018 - June 2018
Basix Sub-K iTransactions ltd. | Hitech City, Hyderabad

Python Developer

Created desktop application to record and modify the ISO message structure varying from company to company in transactions

Certifications

Foundations of User Experience (UX) Design

Coursera | Google

Issued: July 2021

PROJECTS

ENTERPRISE SERVICES MICRO-FRONTENDS

Affinsys AI

- Implementing multiple Single-Page-Applications with webpack and React in isolation, making sure the size is optimised and the SPA is scalable.
- Soft integrating the SPAs/Micro-frontends with the help of module federation to manage the services on use-case basis and deploying only the ones needed without affecting the other services

ADMINISTRATOR CONSOLE

Affinsys AI

- Authentication module, user management, analytics integration, business specific functionalities, access-based user session with restrictions at the router level i.e. permission based access to services to a logged in user.

JSON TO COMPLEX FORMS REACT APPLICATION

Affinsys AI

- A flexible module that interprets a JSON with meaningful input and flow description and converts it into user-friendly forms with the provision to add multitude of routes and conditional rendering.

RECORD-RTC BASED VIDEO RECORDER

Affinsys AI

- Uses getUserMedia, RecordRTC and web sockets to stream the video being captured on a desktop with a working webcam and mobile devices, based on the granted permissions. Performs client specific actions over the recorded media

SOCKET BASED CHAT INTERFACE

Affinsys AI

- Supports request based chats, file attachments, audio recording, session timeouts and individual chat timeouts.

BANKING INTEGRATION TOOL

Basix sub-K iTransactions Ltd.

- A tool that enables a micro-finance company to test the ISO message format with associated with each company it deals with for different transaction types.