Priyanka Pulugu

UI/Front-end Developer

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I'm a UI Developer with 2.5+ years experienced React Developer with hands-on experience in identifying web-based user interactions along with designing & implementing highly-responsive user interface components by deploying React concepts. Proficient in translating designs & wireframes into high-quality code, and writing application interface code via Javascript and ReactJS workflows. Adept at monitoring & maintaining frontend performance and troubleshooting & debugging the same to bolster overall performance.

Work Experience

Skills

TATA ELXSI	**October 2021 — Present**

UI & Full stack Developer

CSS, CSS3

UI Components Designing & Application Interface Coding

HTML5,HTML

Bootstrap

- Proficient in developing dynamic web-based user interactions using React concepts, collaborating closely with UX/UI designers to ensure seamless integration of design elements.

JavaScript

Material UI

- Translated complex designs and wireframes into top-tier code, utilizing JavaScript and React.js workflows to deliver pixel-perfect, highly-responsive application interfaces.

Typescript

ReactJS

JavaScript

Code Debugging & Front-end Architecture

- Mastery in debugging interface software, consistently optimizing application code to achieve a remarkable improvement in functionality and performance, while aligning with design guidelines.

Tools & Technologies

- Adept at implementing front-end architectures with a 100% accuracy track record in supporting innovative user interface concepts. Collaborated with UX/UI designers to ensure a cohesive user experience.

Visual studio

Performance Optimization & Features Development

Figma

Visual studio code

- Monitored and improved front-end performance and documented application changes & worked on updates

Git

- Developed the latest user-facing features using React.js and built reusable components & front-end libraries for future use

NPM

Webpack

- Optimized components for maximum performance across a vast array of web-capable devices and browsers

- Updated & modularised old code bases to modern development standards as part of slashing operational costs

Project Management

Project Delivery

Jira, Confluence

- Produced high-quality mockups & different prototypes and provided high-quality codes.

Projects Handled

Smart Toilet Seat Project

Client   : **Panasonic**
Skills used   : **ReactJS, MaterialUI, nodejs, Mysql**
Tools used   : **Visual studio code, AdobeXD, Git**
Role   : **Developer**

Description:

       Human interference in checking the excretion information in person is very difficult and sensitive. And most of the chronic diseases related to human body can be detected using the excretion information and this method of monitoring is unique. Smart toilet seat or STS project provides following features

- Monitoring the healthcare of the patients using the excretion information.
- Maintaining the excretion profile of the patient and to detecting serious diseases if any.
- Checking the condition of the toilet seat.
- Visualizing & notifying all the excretion information to the nursing home staff via user interface.
- Getting feedback from the nursing home staff and retraining the models accordingly to improve the model's performance of classification.

E-commerce Website Redesign

Client   : **3M**
Skills used : **HTML, CSS, JavaScript, Responsive Web Design, UI/UX Design**
Tools used : **Visual Studio Code, Adobe XD, Git**
Role   : UI Developer

Description:

       3M Electronics, an online electronics B2B retailer, is looking to revamp its e-commerce B2B website to enhance the user experience and increase sales.

- **Mobile Responsiveness:** Ensure that the website is fully responsive, providing a seamless shopping experience on various devices, including smartphones and tablets.
- **User Experience Improvements:** Implement intuitive navigation, clear product categorization, and a simplified checkout process to reduce cart abandonment.
- **Interactive Elements:** Enhance the user interface with interactive features such as image zoom, product previews, and user reviews.
- **Performance Optimization:** Optimize the website's performance by minimizing loading times and ensuring fast page transitions.
- **Cross-browser Compatibility:** Ensure the website functions correctly across multiple browsers.
- This project aims to boost 3M Electronics' online sales and improve customer satisfaction through an attractive and user-friendly e-commerce site.

Finance Dashboard

Client   : **GE Healthcare**
Skills used : **HTML, CSS, JavaScript, Data Visualization, UI/UX Design**
Tools used : **Visual Studio Code, Git**
Role   : **UI Developer**

Description:

       GE Healthcare, a software business, wants to create a financial dashboard for their clients. The dashboard will help business owners track their financial performance and make informed decisions.

- **Dashboard Layout:** Design an intuitive and user-friendly dashboard layout that displays key financial data, such as revenue, expenses, and profit, in a clear and visually appealing manner.
- **Customization:** Allow users to customize the dashboard to display the specific financial metrics that matter most to their business.

- **User Authentication:** Implement user authentication to ensure data privacy and security.
- **Responsive Design:** Ensure that the dashboard is accessible and functional on both desktop and mobile devices.
- **Data Integration:** Develop a system for users to import financial data from their accounting software or manually input data. This project will empower small business owners to manage their finances effectively and make data-driven decisions to grow their enterprises.

Real-time Financial Dashboard

Client   : **Confidential under NDA**
Skills used : **React, JavaScript, HTML, CSS, Data Visualization, UI/UX Design, State Management, API Integration, Performance Optimization**
Tools used : **Visual Studio Code, React.js Recharts, Redux, Axios, Git, Webpack**
Role   : **UI Developer**

Description:

Leading financial technology company, requires a real-time financial dashboard to provide their clients with up-to-date insights into their investment portfolios, stock market performance, and financial trends.

- **Dashboard Layout:** Developed a modern and intuitive dashboard layout using React components, with multiple sections to display various financial metrics and visualizations. Implemented a responsive grid system using CSS Grid and Flexbox to ensure optimal layout across different devices.
- **Data Visualization:** Utilized Recharts, powerful data visualization libraries, to create dynamic charts and graphs, such as line charts, candlestick charts, bar charts, and scatter plots, to visualize financial data in real-time. These libraries were chosen for their rich feature sets, performance, and customization options.
- **Investment Portfolio:** Implemented features to display clients investment portfolios, including asset allocation, portfolio performance, and risk analysis. Utilized React hooks and Redux for efficient state management and data flow.
- **Financial News:** Integrated a financial news feed by consuming a third-party API using Axios, a popular HTTP client library. Implemented caching and lazy loading techniques to optimize performance and enhance user experience.
- **Watchlists**: Allowed clients to create customized watchlists to monitor specific stocks, currencies, or other financial instruments. Utilized React Router for client-side routing and creating shareable URLs.
- **User Authentication:** Implemented user authentication and authorization mechanisms using JSON Web Tokens (JWT) to ensure data security and privacy. Integrated with a secure backend API for user management.
- **Responsive Design:** Ensured the dashboard is optimized for various screen sizes and devices, including desktops, tablets, and mobile devices, by utilizing responsive design principles and media queries.
- **Performance Optimization:** Optimized the application's performance by implementing code splitting, lazy loading, memoization, and other techniques to reduce bundle size and improve render times. Utilized React.memo and React.lazy for efficient component rendering.

Education Details:

Nagarjuna University
Bachelor of library and information science   2019 -2020

BAPATLA ENGINEERING COLLEGE
B.TECH (ACHARYA NAGARJUNA UNIVERSITY)   2014 -2018

Intermediate
10+2   2012 -2014

High School
SSC   2012