UNMEY MAHADDALKAR

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TECHNICAL SKILLS

Web Development : HTML5, CSS3, SCSS, JavaScript, ES6, ES7, TypeScript, Tailwind CSS, Java, Vite, NPM
Technologies/Frameworks : React, Next JS, Redux Toolkit (RTK), Jest, Node.js, Express JS, PostgreSQL, Selenium
DevOps and API Tools : Git, GitHub, Bitbucket, Webpack, ESLint, Jenkins, Jira, Docker, Postman, Splunk

EXPERIENCE

ADP

Senior Frontend Engineer   **March 2022 - August 2024**

- Programmed a chatbot for Benefits module, leveraging LLM to deliver intelligent and personalized responses to inquiries, improving user experience and reducing HR support workload by 30%.
- Spearheaded the front-end development integration of Gen AI models into the Plan Setup page, resulting in a 70% reduction in plan submission time by providing real-time suggestions during plan creation.
- Revamped Person Setup for Time UI interface flow from Figma mockups using React, Redux, & Tailwind CSS, achieving 20% reduction in errors & processing time for improved user & operational efficiency.
- Overhauled the UI of Launchpad application by implementing a custom WCAG accessible design system built with React, Redux, and TypeScript. This improved application load speeds by 25% and fostered a cohesive user experience.
- Initiated automated daily regression testing using Java and Selenium, reducing testing time by 30% and improving code quality through early defect detection.

Frontend Engineer   **July 2020 - February 2022**

- Architected a data extraction & auto-population solution for Benefits documents with custom insights & a PDF viewer for highlighting source data, reducing plan creation time by 40% for implementation consultants.
- Mentored a 3-person front-end team using React, Redux, and TypeScript to digitize Plan Summary pages, enabling automated Summary of Benefits & Coverage document processing and reducing summary creation time by 80%.
- Engineered a React and Redux PDF annotation tool for 20 consultants, streamlining data extraction from 1600+ insurance documents, and improving machine learning model training accuracy to 93%.

Frontend Engineer   **January 2020 - June 2020**

- Created accessible, responsive React components with cross-browser compatibility for Benefits pages, enabling implementation consultants to craft insurance plans for smaller businesses with an average employee size of 40.
- Hands-on experience in the entire software development life cycle (SDLC), encompassing requirements analysis, design, development, integration, maintenance, and testing in an Agile methodology framework.

EDUCATION

University of Florida | *Master's Degree in Computer Engineering*   **December 2018**
University of Mumbai | *Bachelor's Degree in Electronics Engineering*   **May 2016**

PROJECTS

Promptopia | *TypeScript, React, Redux, Next JS, Tailwind CSS*   **January 2024**

- Developed and launched a server-side single page application using Next JS, enabling users to explore and contribute to a diverse range of AI prompts within a global community framework.

Glocal | *HTML5, CSS3, JavaScript, Oracle DB, NodeJS*   **April 2017**

- Collaborated in a 4-person team to design and develop a rating and review system using the Yelp dataset and Oracle DB.
- Implemented front-end RESTful APIs for core functionalities like user/business profiles, ratings, reviews, and data analysis. Recognized by professor for delivering a well-documented and maintainable product within 4 months.

AWARDS AND CERTIFICATIONS

Innovation and Impact Program | *ADP*   **October 2022**
Academic Achievement Award | *University of Florida*   **May 2016**