

HARISH BATHINI

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TECHNICAL SKILLS

- **Front-End Technologies:** HTML, CSS, JavaScript, ES6, React.js, React Hooks, Context API, Redux Toolkit, Responsive Web Design and Material UI.
- **Back-End Technologies:** Python and Flask
- **Languages:** Java, Object Oriented Programming (OOPS), Python, SQL.
- **Frameworks:** React.js and Python Flask.
- **Version Control Tools:** Git and GitHub.
- **Problem Solving Skills:** Data Structures and algorithms in Java.

WORK EXPERIENCE - FRONT END DEVELOPER

Application Development Analyst | Accenture | Hyderabad

October 2021 - Present

Project - 2: VALUE ESTIMATOR - ACCENTURE

Description:

Developed and maintained a robust time estimation tool to calculate the time required for various project tasks, such as UI development, API development, visualization, machine learning, and data cleaning and many more tasks. This tool made the project **evaluation process 30% faster and easier and secure** by moving it from a manual Excel system to a web application. It provided visual insights, highlighting the estimated time duration for each task through dynamic charts, enabling directors to analyze, approve, or provide feedback on project plans within the tool.

Key Responsibilities:

- Integrated Microsoft authentication to ensure secure access and user management.
- Developed Front end application using HTML, CSS, JavaScript, React.js and material UI.
- Designed a well-organized folder structure for scalability, reusability, readability of the code.
- Implemented page navigation from one page to other using React Router.
- Collaborated with backend developers to integrate RESTful APIs, ensuring seamless communication between the front-end and back-end systems.
- Created reusable functions for HTTP requests (GET, POST, PUT, DELETE).
- **Reduced loading time of all pages by 40%** by reducing redundant API calls and caching responses in session storage, local storage and redux and checking this cached storage first before re-fetching the data and implemented optimization techniques such as **lazy loading, useMemo, useCallback and React.memo** for further performance improvements.
- Integrated react-toastify library for user action notifications, improving user engagement.
- Implemented Responsive Web Design principles using media queries to ensure consistent user experience across various screen sizes and devices.

- Developed dynamic data visualizations using Apache E-Charts aiding key decision-making through insightful charts.
- Managed complex form submissions, added validations and error handling
- Utilized Git for version control system.
- Used Redux toolkit for state management of the Application.

Project - 1: SNOCHAT – SIEMENS ENERGY

Description:

Developed a SNOCHAT application similar to ChatGPT, featuring a Text-to-SQL LLM. It converts natural language questions into SQL queries, executes them on Snowflake, and retrieves data, making data access easy for business users without SQL skills. Around **20% to 30% of productivity** increased by taking key decisions from charts and data received.

Key Responsibilities:

- Integrated authentication using Microsoft Authentication Library (MSAL) to ensure secure access and user management.
- Developed a user interface like ChatGPT using React Storybook components.
- Collaborated with backend developers to integrate RESTful APIs.
- Created a chat component to display messages from both the user and the bot.
- Developed various message components to correctly render different types of bot responses, including bar charts, pie charts, simple messages, and query results.
- Built a chat container component to manage and render multiple chat sessions.
- Used Redux toolkit for state management of the application

EDUCATION

Nalla Malla Reddy Engineering College B.Tech – ECE Percentage : 70.7%	2017 – 2021
Sri Prathibha Junior College Intermediate Percentage: 95%	2015 – 2017
St.Agnes High School SSC Percentage: 85%	2014-2015

ACHIEVEMENTS

- Received fast track promotion within 1 year in Accenture.

CERTIFICATIONS

- Frontend Developer React Certification from Hacker Rank | [Link](#)
- JavaScript certification from Hacker Rank | [Link](#)
- Java certification from Hacker Rank | [Link](#)