Saurabh Sagar Pandey

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TECHNICAL SKILLS

PROGRAMMING LANGUAGES -

- C Programming | C++
- JavaScript | TypeScript | Java

FRONTEND TECHNOLOGIES -

- HTML | CSS | Tailwind CSS
- React-js | Redux | Redux-Toolkit
- Material UI | Styled Component

BACKEND TECHNOLOGIES -

- NodeJS | ExpressJs | MongoDB

CONCEPTS AND DEV TOOLS -

- Api | GraphQL | GitHub
- Visual Studio Code | Git

COURSEWORK

Object Oriented Programming
Computer Organisation
Data Base Management System
Software Testing

LINKS

- saurabh317
- Saurabh sagar pandey
- My Portfolio

EDUCATION

Bachelor's of computer applications
Bengaluru City University
2019 - 2022
CGPA:(8.4/10)

Intermediate
Guru Nanak model sen. sec.
School (CBSE)
2015 - 2017
Percentage:(84/100)

Matriculation
Atam Vidya Mandir School(CBSE)
2014 - 2015
CGPA:(9.2/10)

LANGUAGES

English
Hindi
Punjabi

EXPERIENCE

OptSwap - Software Developer   Feb 2023 - Present

- Developed a robust crypto options trading **web3 app**, utilizing **React.js** , **JavaScript**, **Tailwind CSS** and **TypeScript**, offering users a sophisticated derivative product platform.
- **Independently** designed and developed the analytics section from scratch, utilizing **D3.js** and **chart.js** for dynamic charts and **GraphQL**, optimized complex data flows by reducing data processing time by **20%**.
- Enhanced app performance by **reducing re-renders** by **35%** , applying **code splitting**, adhering to **DRY** principles, removing unnecessary dependencies, utilizing **batching** for efficient function calls, and implementing **SMC**.
- Reduced page load times by **10%** through collaborative API integration and frontend performance optimization.
- Developed **API, RPC, GraphQL** pipelines in **Node js** using **Express js** to connect UI with backend, enabling efficient data exchange seamlessly.
- Designed **responsive** interfaces to ensure optimal usability across devices, enhancing accessibility and user engagement
- Leveraged **Redux Toolkit** for scalable state management, resulting in a notable **15%** reduction in post-release defects.
- Increased app hit ratio by **20%** by incorporating user tours with **React Tour**, enhancing onboarding and UX

Coding Ninjas - FrontEnd Developer   Mar 2022 - Feb 2023

- Developed interactive features for Coding Ninjas' learning platform using **React js**, **JavaScript**, and **TypeScript**, enhancing user engagement and functionality.
- Designed and optimized responsive course pages, improving mobile user engagement by **15%**..
- Collaborated with back-end developers to integrate **APIs** and improve front-end performance, reducing page load times by **10%** and increasing overall platform efficiency.
- Refined UI components for cross-device consistency and accessibility, improving the student learning experience.
- Contributed to codebase maintenance and feature development, ensuring high-quality front-end solutions and adhering to company standards for performance and usability.

PERSONAL PROJECTS

SHOP NIKE (An Ecommerce website) **(Source Code) (Check Live)**

- Spearheaded the development of a dynamic E-commerce website utilizing React.js, employing innovative design principles and a seamless user interface.
- Featured essential functionalities such as product browsing, seamless cart management, and secure checkout processes, ensuring user-friendly experience.
- Technology/Tools: HTML, CSS, JavaScript, ReactJS, VScode, GitHub React JS (v18.1.0), React Router v6, Context API.

TRACY (A cryptocurrency web application) **(Source Code) (Check Live)**

- Engineered a cutting-edge Cryptocurrency web application leveraging React.js, furnishing users with real-time market insights and loaded with with comprehensive historical data.
- Meticulously tracks nearly all digital currencies, and historical data visualizations through interactive charts.
- Technology/Tools:HTML,CSS,JavaScript, React Hooks, Reactjs, Context API, useReducer, React Router v6