

# 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**, offering users a sophisticated derivative product platform.
- Implemented a dynamic and mobile-first user interface utilizing **React.js**, **JavaScript**, **Tailwind CSS** and **TypeScript**, enhancing the overall user experience by **20%** through intuitive design.
- Mastered **Redux Toolkit** for scalable state management, integrating **D3.js** and various JavaScript and React libraries.
- Developed **API, RPC, GraphQL** pipelines in **Node js** using **Express js** to seamlessly connect UI with backend, enabling efficient data exchange.
- Significantly contributed to launch by addressing critical bugs, resulting in a notable **15%** reduction in post-release defects.
- Optimized performance by removing 500-900 lines of redundant code, cutting page re-rendering by **35%**, enhancing application performance.
- Increased the hit ratio of the application by **20%**, implementing several tours using **react tour**, enhancing overall user experience.

### Coding Ninjas - FrontEnd Developer Intern

Aug 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 layouts for course pages and dashboards, ensuring smooth experiences on both desktop and mobile devices using **CSS**, **Bootstrap**, and **Tailwind CSS**.
- 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 by applying best practices in responsive design, improving cross-device consistency and accessibility for students.
- 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 seamless user interface ..
- Featured essential functionalities such as product browsing, seamless cart management, and secure checkout processes, ensuring a user-friendly experience for customers navigating the site.
- A meticulously designed project, optimized for showcasing my prowess in user interface design.
- Technologies used: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.
- Meticulously track nearly all digital currencies, ensuring comprehensive monitoring and analysis capabilities in the dynamic cryptocurrency market.
- Loaded with comprehensive historical data through visually intuitive charts and graphs, enhancing decision-making capabilities in the volatile cryptocurrency landscape.
- Technology/Tools:HTML,CSS,JavaScript, React Hooks, Reactjs, Context API, useReducer, React Router v6