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Ravi Kumar

Software Developer

Github- [nerdyrk](#)
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Website - [portfolio](#)

SKILLS

Languages - JavaScript(ES6), Typescript, Python, SQL, PHP, C++, HTML5, CSS3.

Frameworks and Libraries: Nextjs, React, Redux-toolkit, Nodejs, Express.js, Tailwind CSS

Tools and technologies - Git, Github, Postman, Browser developer tools, Linux

Databases: MongoDB, SQL Server

WORK EXPERIENCE

Assistant Software developer

Nov 2024- Present

Lovely Professional University

Phagwara, Punjab

- Built front-end modules for an internal ERP system using React.js and Next.js, serving real users across the university.
- Collaborated with backend team to integrate APIs for modules like inventory, electrical maintenance, and vehicle management.
- Gained exposure to advanced SQL concepts including indexes, partitioning, and window functions to better understand backend data operations.
- Focused on writing clean, reusable code and building responsive, production-ready interfaces.

Software Development Engineer Intern

Jan 2024 - July 2024

APIxLABS

Pune, Maharashtra

- Engaged in front-end development using **React.js** and **Next.js** to craft dynamic and responsive UIs.
- Worked with **Postman** to test and ensure the smooth integration of backend **APIs** into the front end and also developed robust rest api's using expressJS and used JWT authentication.
- Implemented and styled user interfaces with the use of **Tailwind CSS**, ensuring a visually appealing and consistent design.

PROJECTS

- 1. University ERP System (Frontend Dev) (Nov 2024-current)-** Next.js, Tailwind CSS, .NET, SQL
 - Contributed to a modular **ERP solution** for managing infrastructure-related processes in a university.
 - Built front end for modules like **Maintenance (Advice Notes), Inventory Management, and Purchase order** using **Next.js**.
 - Used advanced React **Context API** for state management and secured API endpoints via **server actions** and route abstraction.
 - Worked closely with backend team to integrate APIs and ensure seamless user experience..
- 2. Asegroup (Aug 2024)-** ReactJS, Tailwind CSS, Web3Forms, SwiperJS, AOS, Netlify [\[Link\]](#)
 - Developed a visually appealing site for showcasing handmade products for a Malaysia based client using React and Tailwind CSS.
 - Implemented product categories and a responsive carousel using **Swiper.js** to display products effectively and used **React Router** for navigation.
 - Used Web3 forms to handle customer communications via the contact form, and used environment variables to enhance security and prevent unauthorized access to token.
 - Configured a custom domain from **Namecheap** and Hosted the site on Netlify, ensuring seamless integration and minimal downtime.
- 3. Responsive WhatsApp web Replica -** React.js, Tailwind CSS - [\[Link\]](#)
 - Developed **pixel-perfect responsive** Whatsapp web design.
 - Implemented a form to generate chats and handled **image compression** for upload.
 - Chats are persisted after reload using **localStorage API** of browser.
 - **Search functionality** implemented for chats with optimized rendering using **debouncing**.

EDUCATION

Master of Computer Application

2022 - 2024

Lovely Professional University

CGPA - 8.36

Bachelor of Computer Application

2019 - 2022

Pyramid College of Business and Technology

CGPA - 8.88