

PRIYANSHU KUMAR SINGH

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EXPERIENCE

HITACHI DIGITAL SERVICES

Software Engineer

Bangalore, IND
JAN 2024 – PRESENT

- Developed a **scalable front-end application** using **React, Redux, and JavaScript** to provide detailed insights into purchase orders, sales orders, and invoice creation by consuming **RESTful APIs**. Automated complex data retrieval processes, **reducing manual effort** and improving the efficiency of critical business workflows.
- Designed and implemented a real-time monitoring dashboard with **React and Redux**, integrated with backend **REST APIs**, to track and visualize the status of background jobs. Provided actionable insights into job success or failure, enabling prompt resolution and better task management.
- Built a proactive monitoring tool using **React and JavaScript** to detect and highlight database records stuck in a specific state beyond a defined threshold. Integrated **automated alert mechanisms** through **RESTful API** communication to notify the team, effectively minimizing job failures and delays while enhancing overall operational efficiency.

HITACHI VANTARA

Software Engineer Intern

Bangalore, IND
FEB 2023 – DEC 2023

- Designed and developed an end-to-end front-end application using **React.js, Redux, and JavaScript** to monitor and display the frequency and descriptions of errors generated from multiple integration points, significantly reducing manual intervention in error identification.
- Leveraged **JavaScript for dynamic front-end enhancements**, integrated with backend **REST API** for data retrieval, and successfully deployed the application to the production environment, ensuring improved system reliability and user experience.

TECHIE-AID

Software Development Intern

Bangalore, IND
AUG 2022 – SEP 2022

- Designed and developed a browser-based online IDE using **React, TypeScript, HTML, and CSS**, capable of compiling and executing C, C++, and Python code. Enabled seamless multi-language support and code execution within a unified interface.
- Implemented an intuitive and responsive user interface, integrating real-time code execution features to enhance the user experience and streamline the development workflow for end users.

PROJECTS

Movie Booking Website: -

- Developed a movie ticket booking application using **React.js, Node.js, JavaScript, Express.js, and MongoDB**, allowing users to reserve tickets and select seats with ease.
- Enabled theater owners to manage movie schedules, seating, and access reservation data, streamlining operations and improving customer service.

Simon Game (memory-based game): -

- Developed a memory-based game using **React.js, TypeScript, Node.js, and MongoDB** that challenges players to replicate progressively complex sound and color patterns, enhancing recall skills through escalating difficulty levels.

TECHNICAL SKILLS

Language: JavaScript, TypeScript, C++, Python, SQL, HTML, CSS, Java (Basics)

Framework / Libraries: React, Express.js, jQuery, Bootstrap, Tailwind, Node.js

Others: Data Structures and Algorithm (DSA), Git, GitHub, VS code, Database Management, Oracle APEX

EDUCATION

RNS INSTITUTE OF TECHNOLOGY (B. E)

Information Science & Engineering | CGPA: 8.48

Bangalore, IND
Aug 2019 – July 2023

DAV PUBLIC SCHOOL (PCM)

CBSE | Class XII- 68.2% | Class X- 88.35%

Patna, IND
Apr 2008 – May 2018

ACHIEVEMENTS

- Ranked 2nd within my institute on [GeeksForGeeks](#) with a coding score of more than 3400.
- Current contest rating on [LeetCode](#): 1615
- 6 stars for problem solving 5 stars for Python & C++ and 4 stars for SQL on [HackerRank](#).
- Demonstrating proficiency in problem-solving and algorithmic skills by solving 1000+ DSA problems on [GeeksForGeeks](#) and [LeetCode](#).

ADDITIONAL

Certifications: Web Development: Udemy | Python: Coursera | OCI GenAI: Oracle | Oracle APEX: Oracle

Relevant Coursework: Data Structures & Algorithms, OOPS, Databases, Computer Networks, Operating systems, MERN stack

Hobbies: Touch typing, Playing and watching sports, Reading novel, Gyming

Languages: Fluent in English and Hindi