

# PRIYANSHU KUMAR SINGH

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## EXPERIENCE

### HITACHI DIGITAL SERVICES

Software Engineer

Bangalore, IND

JAN 2024 – PRESENT

- Developed a robust application in Oracle APEX to provide detailed insights into purchase orders, sales orders, and invoice creation, automating data retrieval processes and reducing manual effort by streamlining critical business workflows.
- Designed and implemented a dedicated real-time monitoring dashboard using Oracle APEX to track the status of background jobs, providing detailed insights into their success or failure. This improvement enabled efficient handling and resolution of job-related tasks.
- Developed a proactive monitoring tool in Oracle APEX to identify database records stuck in a specific state for over 30 minutes. Implemented automated alerts to notify the team, reducing job failures, minimizing delays, and enhancing overall workflow efficiency.

### HITACHI VANTARA

Software Engineer Intern

Bangalore, IND

FEB 2023 – DEC 2023

- Created an end-to-end (E2E) application using Oracle APEX to provide the frequency and description of errors generated from different integrations, resulting in a significant reduction of manual effort in identifying errors.
- Utilized JavaScript for modifications, employed SQL to retrieve data from the backend, and deployed the application to the production environment.

### TECHIE-AID

Software Development Intern

Bangalore, IND

AUG 2022 – SEP 2022

- Developed an online IDE capable of running C, C++, and Python code, leveraging a tech stack that includes React, HTML, CSS, and JavaScript.
- Implemented a user-friendly interface and integrated real-time code execution to enhance the development experience.

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## PROJECTS

### Movie Booking Website: -

- Developed a service that enables users to reserve movie tickets and select preferred seats, providing a seamless and efficient booking experience.
- Enabled theater owners to log in and manage movie information, schedules, and seating options, as well as access user reservation data for streamlined operations and enhanced customer service.
- Node.js, Express.js, React.js, JavaScript and MongoDB make up the tech stack.

### Simon Game (memory-based game): -

- Designed and implemented a memory-based game that evaluates players' recall skills by requiring them to replicate increasingly complex sound and color patterns, with difficulty escalating upon successful completion of each level.
- React.js, HTML, JavaScript, CSS, Node.js and MongoDB are used as the tech stack of projects.

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## TECHNICAL SKILLS

**Language:** JavaScript, 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

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## 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

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## 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](#).

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## 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

**Languages:** Fluent in English and Hindi