HRISHABH PALSRA

hrishabhpalsra@gmail.com | +91-9315955690

 hr1shabh | hrishabh-palsra | hrishabh_ | hrishabh_ | hrishabhpalsra

Education

Delhi Technological University, New Delhi, India   **2019 - 2023**
- B.Tech Electronics & Communication Engineering | CGPA: **8.63**

Sri Krishna Public School, New Delhi, India   **2016 - 2018**
- AISSCE (Class XII), Aggregate: **92.6%**

Gyan Jyoti Public Sec School, New Delhi, India   **2015 - 2016**
- AISSE (Class X), CGPA: **10**

Experiences

Software Development Engineer - I, Cogoport   **July 23 - Oct 23**
- I crafted a responsive frontend homepage clone using **HTML, CSS,** and **JS**, and built a dynamic Advanced To-Do List app through **DOM manipulation** during my training.
- Additionally, I designed robust **database schemas** for social media application, smart energy monitoring, and blog site. Leveraging the **OMDB API**, I developed a Movie List app enabling personalized movie searches and watchlists.
- Successfully contributed to the Shipment team's migration from **Ruby on Rails** to **FastAPI**, playing a key role in **API development**, implementing **filters**, and optimizing database tasks.
- Demonstrated expertise in **FastAPI**, **PostgreSQL** and **Peewee ORM**, actively contributing to transitions, API development, and substantial **database improvements** during the code rewrite project.

Projects

Medium Clone https://github.com/hr1shabh/blogs_ROR_server   **Aug 23**
- Developed a feature-rich social media application utilizing **Ruby on Rails** and **SQLite**. Incorporated user authentication, posts, likes, comments, and follow/follower functionalities within a robust **database architecture** to enhance user interactions.
- Leveraged **Devise(Ruby)** for secure **registration** and **login** procedures, ensuring a dynamic and engaging platform for users to connect, share content, and actively participate. Integrated **Stripe payment gateway** to introduce monetization options, offering users varying levels of access to premium features.

Hotel Booking https://github.com/hr1shabh/HotelBooking   **May 22**
- An application that lets users find their desired hotels. Users can choose hotels based on location, duration of stay and minimum and maximum price. In order to proceed with booking, users are required to go through the authentication process to verify their identity and ensure a secure and reliable transaction.
- Technologies used: **ReactJS**, **NodeJS**, **Express**, **CSS**, **React Context API**, **React Custom Hooks**, **MongoDB**, **Mongoose**, **JavaScript**.

Academic Achievements and Awards

- **Expert** on **Codeforces** (**max 1675**). Best finishes: Codeforces #798– **Global Rank- 709** among 9177 participants, Codeforces #805 - **Global Rank – 214** among 10374 participants.
- **5 star** on **Codechef** (**max 2110**). Best finish: **Global Rank-94** in Codechef Starters 41 Div. 2.
- **Guardian** on **Leetcode** (**max 2195**). **Global Rank 183** in Leetcode Biweekly Contest 86 among **26069** participants. **Global Rank 394** in Leetcode Biweekly Contest 78 among **17717** participants.
- Achieved a **Global Rank of 562** in Google Kick Start Round G 2022 among **9300** participants.
- Solved more than **1600 problems** on DSA. [**Codechef**, **Codeforces**, **Leetcode**].
- Completed Courses in **Machine Learning**, **Computer Networks**, **Operating Systems**, **Algorithms** and **Algorithms on Graphs**.

Skills

- **Programming:** C/C++, Python, JavaScript, Java, Ruby, C#.
- **Web Technologies:** ReactJS, FastAPI, Peewee ORM, PostgreSQL, HTML, CSS, NodeJS, Express, Ruby on Rails, SQLite, Mongoose, MongoDB, Socket.io
- **Others :** Data Structures & Algorithms, Machine Learning, Object Oriented Programming, Operating System, REST APIs, SQL, DBMS, RDBMS, APIs, Git, Github, Linux, Pandas, Numpy, MATLAB, Assembly Language Programming, Embedded Systems Development, Pspice, Verilog.