

HARSH AGRAWAL

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Technical Skills

Languages: C++, C, Javascript, Java, **HTML5**, CSS

Libraries/Frameworks & Tools: React JS, **Redux**, **Bootstrap**, MUI, Tailwind, Postman, Github

Computer Science Subjects: Data Structures & Algorithms, OOPs, OS, SQL

Experience

BeeHyv

August 2023 – Present

Software Development Engineer

Hyderabad, India

- Worked on a project which automated decisions based on AI across the supply chain, improving decision-making speed by 40% and reducing manual intervention by 60%.
- **Wrote well-documented, clean JavaScript code** across multiple projects, ensuring maintainability and ease of collaboration, leading to a 20% reduction in onboarding time for new developers.
- **Debugged compatibility issue** between different versions of dependencies of libraries like lodash, axios, react, or moment.
- Worked on an app to design 40+ forms (with MUI, Tailwind, and react-hook-form) for all schemes available to agriculturists in India, used by more than **0.1 million farmers**. Resolved conflicts between form libraries and dependencies like React Hook Form and MUI, enhancing form functionality.
- Converted a web application into a **Progressive Web App (PWA) with offline functionality, push notifications**, camera access, and location services, increasing user engagement by 25%.
- Fetched data for select inputs from APIs with dependencies using **React Query and custom hooks** (e.g., state and city data based on user input), improving form submission efficiency by 20%. Handled conflicts between API dependencies and React Query during API integration.
- Utilized **Redux** and **React Router** for state management and routing, **reducing page load times by 15%** and improving user navigation across the app.

C-ONSKID Services Pvt. Ltd.

June 2022 – July 2022

Software Development Engineer Intern

Jaipur, India

- Improved platform performance using React Hooks & Redux, reducing data retrieval by 25% and page load time by 15%.
- Designed a Login Page using **Bootstrap and HTML5** increasing login success by 10% and reducing authentication errors by 20%.
- Developed a property submission form for sellers, boosting completion rates by 30% and data accuracy by 25%.

Personal Projects

Resume Bliss: [GitHub Link](#) | ReactJS, Redux, Firebase, GitHub

December 2021 - January 2022

- Designed a web application with **10+ resume templates** to enhance user accessibility.
- Implemented **live preview for real-time resume edits**, boosting user engagement by 40%.
- Enabled users to download resumes as PDFs, managing over 500+ resumes in the database for easy access.

Achievements

- Completed the **100 Days Of Code challenge**; details available on [GitHub](#).
- **Published 50+ articles** on DSA, OOP, OS on [Github](#), [One Drive](#), [Google Drive](#) and [Codeforces](#).
- Earned the LeetCode Challenge Badge for three consecutive months: May, June, and July.
- Solved over **900 problems** on various platforms, including [LeetCode](#), [GFG](#), [CF](#), [CSES](#), and [HackerRank](#).

Education

Indian Institute of Technology (ISM, Dhanbad)

July 2019 – May 2023

Bachelor of Technology

Dhanbad, Jharkhand