# HARSH TRIPATHI

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## PROFESSIONAL SUMMARY

Dynamic computer science and engineering graduate skilled in **Java, JavaScript, Python, C, SQL, Flutter**, and experienced in web technologies like **React.js, HTML, CSS, and TailwindCSS**. Proficient in developing robust Web and Android applications. Leveraged **React.js** and **TailwindCSS** for responsive and visually appealing web projects. Award-winning participant in **Google's DevFest 2021**, published a feature-rich Flutter-based Android app on the **Google Play Store** which has positive user feedback. Passionate about driving innovation through emerging technologies.

## EDUCATION

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|---|---|
| **B.Tech in Computer Science and Engineering, GLA University, Mathura** | May 2023 |
| **Intermediate N E Railway Senior Secondary School, Gorakhpur** | May 2019 |
| **High School, N E Railway Senior Secondary School, Gorakhpur** | June 2017 |

## INTERNSHIP EXPERIENCE

**Dysmech Consultancy Services (Remote) |** Jul. 2021 – Aug. 2021
*Intern*
- Developed an Android app for smart home automation, enabling remote control of home appliances.
- Integrated Firebase to establish real-time data fetching and storage capabilities for seamless app functionality.
- Implemented a secure phone-based login feature, leveraging Firebase authentication services to ensure authorized access to the app.
- Overcame challenges in real-time data synchronization by utilizing Firebase's real-time database, resulting in instant updates and enhanced user experience.

## PROJECTS

**Movies Database |** July 2022 - July 2022 **|** Link
- Built a movie database platform using React.js and Firebase, allowing users to search and view movie details.
- Implemented a favorite list feature, enabling users to save and manage their preferred movies.
- Leveraged Firebase for real-time data synchronization, ensuring up-to-date movie information.

**Colorify |** Aug. 2021 - Aug.2021 **|** Link
- Developed a Colorify website using React.js to generate and display randomized colors along with their corresponding hex codes.
- Implemented a refresh button that allows the website to generate new, randomized colors with a single click.
- The Colorify website provided users with a fun and interactive way to explore different color combinations and find inspiration for design projects or visual presentations.

**Dr. Fit – An Fitness App |** Oct. 2021 - Nov. 2021 **|** Github Repository
- Created a comprehensive fitness app using Flutter and Dart, offering exercise planning, meditation, and yoga sessions.
- Developed BMI calculation functionality and provided diet recommendations based on users' results**.**
- Integrated online ordering of fitness products and included a group chat feature for users to interact with friends and instructors.

**To Do App |** Aug. 2021 - Aug.2021 **|** Play Store
- Developed a user-friendly To Do app using Flutter, a cross-platform framework.
- Enabled users to easily add and delete tasks with just a single click.
- Published the app on the Play Store, making it available for download and use by users.

**Smart Home Android App |** July 2021 - Aug. 2021 **|** Github Repository
- Developed an Android app for remotely managing home appliances.
- Implemented a phone-based login feature for secure user authentication.
- Utilized Firebase's real-time database to retrieve and modify sensor data, enabling real-time monitoring and control of home appliances.
- Displayed the status of the sensors' connection, providing users with real-time information about their home environment.

## SKILLS

### Technical

- **Programming Languages:** JAVA, Python, C, Dart, JavaScript
- **Frameworks:** Flutter, React.js, TailwindCSS
- **Databases:** MySQL, Firebase
- **Web Technologies:** HTML, CSS

### Professional

- Time Management
- Adaptability
- Fast Learner

## EXTRA/CO-CURRICULAR ACTIVITIES

- Volunteered JavaPie Club, GLA University, Mathura
- Attended DevFest 2021 event. (Remote)
- Attended workshop on Java for Android, GLA University, Mathura
- Attended workshop on Search engine optimization, GLA University, Mathura

## CERTIFICATION

- Python for Everybody
- Introduction to HTML5
- Introduction CSS3
- Flutter and Dart - The Complete Guide