

# KARUNA KESHARI

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## Work Experience

**HSBC | Software Engineer**

**Aug'23 - Present**

- Part of the HSBC Cloud India team, working on the global DataVisa Project as a Frontend Engineer, managing data transfers and compliance
- **Utilized React, TypeScript, and JavaScript** to improve the user interface, resulting in a **20% increase in system efficiency**

**GeeksforGeeks | Technical Content Writer**

**Jul'22 - Jun'23**

- Wrote 10+ articles on Technical topics such as Git, Software Testing

## Skills

**Web Development :** HTML, CSS, SCSS, **JavaScript, Typescript, React, Redux**

Languages : C, C++, Core Java

Android Development Basics : XML, Kotlin

Database Management : MySQL

Core Subjects : **Data Structures, Algorithms**, Operating System, Computer Network, Database Management System, Object-Oriented Programming, System Design Basics

Developer Tools and Technologies : VS Code, Git, GitHub, Android Studio, Figma, Deployment

## Education

Dr. A. P. J. Abdul Kalam Technical University

**2019 - 2023**

- Computer Science & Engineering | CGPA: **8.68/10**

Agrasen Kanya Inter College, Varanasi

**2017 - 2018**

- Intermediate | Aggregate: **77%**

Agrasen Kanya Inter College, Varanasi

**2015 - 2016**

- High School | Aggregate: **83.67%**

## Projects

**Datavisa**

**Oct'23**

*Datavisa is HSBC's global tool for enforcing mandatory data privacy controls, including data transfers, Privacy Impact Assessments (PIA), and compliance with GDPR and international data regulations.*

- Automated the Privacy Impact Assessment (PIA) process, reducing manual effort by **40%**.
- Utilized Redux for efficient state management, ensuring seamless data flow and improved application performance
- Improved overall Datavisa performance by **25%** through effective caching strategies.

**YouTube Ad Skipper-Chrome Extension**

**Jan'23**

*Chrome extension that enhances user experience by automatically skipping YouTube skippable ads*

- Implemented the extension using **React**, optimizing performance and ensuring seamless integration with YouTube
- Leveraged TypeScript for robust type-checking, reducing runtime errors by 30%.
- Utilized **JavaScript** for DOM manipulation, achieving **90% ad-skip success rate** across tested videos

## Achievements

- Secured all India rank of 9884 in Graduate Aptitude Test in Engineering(GATE) 2022
- Solved **475+** problems on leetcode with **80% of submission rate**

## Profile Links

- Leetcode - <https://leetcode.com/u/karunakeshary/>
- Github - <https://github.com/karunakeshary>