

# Ritvik Arora

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## WORK EXPERIENCE

### HCLTech

Uttar Pradesh, India

#### MSSQL DBA

Sep 2022 - Present

- Database Administration for large and complex databases in SQL Server 2022, 2019, 2016, SQL Server 2014.
- Day-to-day activity backup & restoring of databases, job activity monitoring, View backup history and manage log files.
- Managed the implementation of critical SQL patches and SSMS updates, resulting in a 99% reduction in system downtime and increasing database performance by 15%.
- Extensively migrated and upgraded the databases. Utilized expertise in Always On, Mirroring, and replication to configure database backup and restore from Cohesity third-party application.
- Managed database backups and restores for SQL Server high availability, ensuring a 99.9% success rate in data recovery.

## PROJECTS

### Games Selling Application

Delhi, India

#### ReactJs + ExpressJs

- Developed a modern, responsive games-selling web application using **React.js**, enhancing the user experience with a sleek interface powered by **Material-UI** and **Tailwind CSS**.
- Implemented seamless navigation and efficient state management through **React Router**, ensuring a fluid user experience across the application.
- Built a robust **RESTful API** using **Node.js** and **Express.js**, integrating **MongoDB** for data persistence and ensuring secure user authentication with **JSON Web Tokens (JWT)** and **Bcrypt** for password hashing.
- Maintained code quality and best practices using **Axios** for effective HTTP requests between the frontend and backend and **Zod** for runtime type checking and data validation.

### Camera App

Delhi, India

#### JavaScript + BrowserAPI

- Created a fully functioning camera app with the features of capturing photos, recording videos, and then saving them in the gallery.
- It has functionalities such as zoom, filters, and downloading to create a better user experience.
- It uses the Canvas API for capturing the images, the MediaStream API for recording, and IndexedDB to save them and then download them.

## SKILLS

**Core:** JAVA, DSA, OOPS, DBMS.

**Project Related:** HTML, CSS, JavaScript, TypeScript, React.js, Node, Express.

**Work Related:** MSSQL Server, T-SQL, MySQL, Agile Methodology.

## EDUCATION

### Guru Gobind Singh Indraprastha University

Delhi, India

Bachelor of Technology, Electronics and Communication

Graduation Date: Aug 2022

8.2 CGPA