

# RUDRASISH BAGCHI

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## Education

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**Narula Institute of Technology**

August 2018 - June 2022

*Bachelor of Technology in Computer Science and Engineering (CGPA of 8.86/10.00)*

## Technical Skills

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**Languages:** C++, Java, JavaScript, C#, Python, SQL

**Technologies/Frameworks/Libraries:** HTML, CSS, ReactJS, Node.js, ASP.Net MVC

## Experience

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**Highradius Technologies Pvt. Ltd.**

Aug 2021 – Nov 2022

*SQL Analyst – Summer Intern*

- Worked on **building dashboards** for treasury using **JavaScript, Crossfilter.js and Highcharts.js**.
- Responsible for query building in SQL for **cash management** and **cash forecasting** purposes.
- Generated **testcases and performed testing** on dashboards related to proper **UI** alignment and display of correct data on Prod release.

## Projects

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**QuizWiz App** / *HTML, SCSS, JavaScript, React.js* / [Link](#)

- This **web-application** throws out beginner-friendly questions to anyone revising **React**. Users must try out their luck within timeframe to get a perfect score.
- Learned about **parent child component** relationships and usage of **props** and **hooks** like **useState** and **useEffect**.
- Built and deployed this **Quiz application** with **React.js and SCSS** containing **timer** for individual questions and **localStorage database** for storing results.

**Weather App** / *HTML, CSS, JavaScript, React.js, OpenWeatherAPI* / [Link](#)

- This **web-application** displays **temperature** of anywhere in the world when searched for respective **city**.
- It not only displays temperature of **current** date but **forecasts** for upcoming days using **React.js** and **OpenWeatherAPI**.

**Jokes App** / *HTML, CSS, C#, ASP.Net* / [Link](#)

- It is a **web-application** where users can **Post, View** and **React** to jokes in their daily lives. Registered users can **Edit** and **Delete** jokes as well.
- Learned about the concept of **MVC** architecture and its uses in **ASP.Net**.
- Built and deployed this basic **CRUD** application having **user authentication** with **C# and ASP.Net**.

**Covid-19 Tracer App** / *HTML, CSS, JavaScript, Python + Libraries (Numpy, Pandas, matplotlib, skikit-learn)* / [Link](#)

- Predicted Covid-19 cases using **ML algorithm and csv datasets** for current date.
- Used **regression and statistics** to notify users regarding nearby red zones and gave out precautionary measures.
- Calculated **prediction cases of Covid** from existing datasets using **regression and statistics** with **numpy and pandas library**.

## Certifications and Courses

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**React 18 Tutorial and Projects Course (Udemy)**

**Software Engineering (Scalar Academy)**

**The Complete Guide - .Net Core MVC (Udemy)**

## Achievements

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- \* Completed more than 400+ problems in Leetcode. ([Link](#))
- \* Achieved 6 stars in problem-solving in HackerRank. ([Link](#))
- \* Solved more than 200+ problems on GeeksforGeeks. ([Link](#))
- \* Participated in Google Kickstart 2020.
- \* Won 3rd place in hackathon held by Codechef in association with Chandigarh University.