

Tharun Reddy

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EDUCATION

Birla Institute of Technology and Science
BE Computer Science GPA 8.4

Hyderabad

EXPERIENCE

DataLink

June 2023 – Present

Full Stack Developer

Hyderabad

- Built the back end for an Electronic Health Records application using **C# .NET Framework**, developing **RESTful APIs** for data management and integration with third-party services
- Developed the Front end for the EHR application using **React**, Migrated the existing application to use **Redux** to solve complex state management issues
- Worked on writing stored procedures in **SQL** for generating medical reports using Rdl files
- Revamped the entire front end of the application to use **Tailwind and Material UI** to make sure the look stays consistent through out the application
- Improved the reports generation performance in the Back end by 200% by using the pagination and lazy loading in the back end and made use of the dynamic ApplicationContext scoping in the backend
- Built a chrome extension in **manifest version 3** from end to end to assist doctors on getting more information regarding the patient

SanDisk

Jan. 2023 – Jun 2023

Internal tool developer intern

Bangalore

- Developed an internal website for monitoring and deploying firmware tests using **Angular and used C# .NET framework for the backend**
- Designed and deployed the entire database using ORM strategy and **lamda** queries bringing down the fetch query cost by 90% than using stored procedures
- Implemented **user hierarchy** system use role based front end system and roles to be fetched from the back end

Gojek

Jun. 2022 – Aug 2022

Data Engineer intern

Bangalore

- Migrated production databases to analysis databases using manual **python scripts in airflow**
- worked on a command line based data migration tool in **Golang** that automated migrating data reducing the time required by several hour's
- Implemented the logger for the application nd developed api's to send the logs statements to update in real time in the internal tool

SKILLS

Tech Stack : JS (React+ Redux , Angular), C# (.NET) ,Java (Spring boot and spring MVC), SQL, Python
Tools : Snow Flake ,AirFlow, Git, Postman , Azure, Bit Bucket , Visual Studio

PROJECTS

Gambler

Aug. 2023 – Dec 2023

- Developed a Web application to demonstrate the logic of Gambling in a gamified way
- Used **React ,Redux** for the front end and **Tailwind in combination with material UI** for styling
- used **Java Spring boot** to setup the Back End , maintained the details of user profile and Carrier statics and fetched them using **ORM**
- Implemented **G -Auth** using fire base and stored the sso token in the user cache
- Implemented Drag and Drop features using famous react libraries like **React DnD kit and Toastify** for displaying Errors and Warnings

ACHIEVEMENTS

Specialist in code forces , Completed 750 problems on Leetcode, **99.07** percentile in JEE-mains ,**96.2%** in 12th and **98%** in 10th boards