

# ARNABI MITRA

## Software Developer Engineer at AMAZON

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Kolkata, WestBengal

## EXPERIENCE

### Software Developer Engineer

#### AMAZON

July 2022 – Current

Bangalore

- Working on the User-interface of web application using React
- Setup, Manage, Monitor life cycles of various plans to support critical business operation

### Power Programmer

#### Infosys

September 2020 – June 2022

Bangalore

- In charge of data transformation process from semi-structured data in multiple sources to business friendly formats.
- Assisted business stakeholders in making strategic decisions by providing a centralized solution using Informatica application for data archiving and peer to peer mapping processes are used to simplify data search.
- Handled large datasets of sizes up to 2TB, applying data manipulation, indexing and archiving techniques to enable client use the datasets as per their requirement.

## KEY PROJECTS

### 1. Note-Saving Application(MEAN STACK Application)

- Created a monolithic, modern, scalable and high-speed Web Applications with **Angular**, **Node.js**, **Express** and **MongoDB**.
- A user need to create an account first, then can create and save any notes, in future he can view or modify or delete the notes.
- Implemented reusable Components in Angular which interacts using **RoutingModule** among themselves and boosted the performance using lazy loading.
- Reactive User Experience achieved with the Tools provided by Angular and connected it to Back-end using Angular's **HttpClient service**.
- Application is secured by implementing Users **Authentication** as well as **Authorization**.
- Added advanced features like **image upload**, **mime type validator**, **searching** and **pagination**.

Link to this Project: <https://github.com/arnabi62/Note-saving-app-FullStack>.

### 2. Sorting Visualizer

- Implemented a visual presentation of Sorting algorithms.
- Used advance DOM manipulation using **Javascript** only.
- Used **Promises** and **asynchronous** functions to create a better visual effect.

Link to the live Project: <https://arnabi62.github.io/SortVisualize/>

## EDUCATION

### BTech. in Computer Science

#### Government College of Engineering Leather Technology

2016 – 2020

## CODING PROFILE

Leetcode: [www.leetcode.com/arnabimitra100](https://www.leetcode.com/arnabimitra100)

Hackerrank: [www.hackerrank.com/arnabimitra100](https://www.hackerrank.com/arnabimitra100)

## PUBLICATIONS

- Paper published in International Journal of Engineering Advanced Technology (IJEAT)(October, 2019):**

Successfully published a paper on "Innovative Ranking Strategy For IPL Team Formation". It is one of the applications of Social Network Analysis to Rank the players of IPL. We took all the important parameters to describe a player and ranked them based on their current and previous performance, then Give them a fixed price based on their rating and compared it to the current situation which gives a good result. Link: "Innovative Ranking Strategy For IPL Team Formation"

- Paper published in Springer(May 2021):**

Successfully published a paper on "World Cup Semi-finalists Prediction by Statistical Method". we feed our algorithm with some specific parameters like all players' recent performance, performance of teams in World cup and against each other and many other parameters. Our algorithm was almost 90% accurate for any world cup tournament. Link: "World Cup Semi-finalists Prediction by Statistical Method"

## TECHNICAL SKILLS

- Programming Languages:** C, C++, Java
- Database Language:** MYSQL, MongoDB
- Web Technology Framework:** HTML, CSS, Node.js, Angular, Javascript

## PORTFOLIO

github: <http://github.com/arnabi62>

linkedin: [www.linkedin.com/in/arnabi-mitra](https://www.linkedin.com/in/arnabi-mitra)

Youtube: [www.youtube.com/channel/arnabi-mitra](https://www.youtube.com/channel/arnabi-mitra)

Leetcode: [www.leetcode.com/arnabimitra100](https://www.leetcode.com/arnabimitra100)

## HOBIES

Technical Blog writing:

My blogs: <https://medium.com/@arnabimitra100>

Classical Dancing.

Reading novels.



