





ADHIKRAM MAITRA

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Education

Maulana Abul Kalam Azad University of Technology

September 2017 – August 2021

Bachelor of Technology in Computer Science, securing a DGPA of 8.88

Cooch Behar Government Engineering College

Professional Experience

Software Development Intern | Devsnest ([View Site](#))

February 2021 - Present

- Added **AWS Simple Queue Service** support in rails and python to automate the process of giving roles in discord.
- Added test coverage of controllers and requests with **Rspec** for the features that was developed earlier.
- Worked on **Weekly To-do feature** with which student groups can set better goals and keep a track of their activities.
- Developed a **Public Profile feature** in which student can show their achievements to others. ([View](#))
- **Refactored the old code-base** into structured sections to increase its readability and for better future use.

Projects

Sage's Corner | Ruby on Rails, Css, Bootstrap ([View Site](#))

July 2021

- Developed user login support which different users can publish blogs and manage their own content.
- Added admin support to manage the overall website contents and users.
- Developed session caching system with which user do not have to login everytime they want to use the site.
- Added test coverage for the features which helps in testing new features and detecting the bugs before production stage.

Bazar | ReactJS, Firebase ([View Site](#))

July 2021

- Developed the User Interface same as Amazon with functionalities of adding products to the cart.
- Added Redux features which helps in managing orders dynamically for showing current cart value.
- Added Payment features and order history for a user and user authentication with Firebase.

Selenium Scraper for TPO Cell | Python, Selenium ([View Repository](#))

May 2021

- Created a web scraper to fetch the data from LinkedIn URL links.
- Added a feature to check if college name is filled correctly in the LinkedIn accounts of our college students.
- Used in Training and Placement Cell Management to list the LinkedIn accounts who misspelled college names.

E-Learning | Ruby on Rails ([View Repository](#)) ([View POSTMAN Collection link](#))

May 2021

- Developed a E-learning website back-end with functionalities of enrolling in different courses for students.
- Created a Low level design and Structured the schema for the product in REST architectural style.
- Debugged breakpoints and edge cases with POSTMAN to get a seamless user experience.

Mousam | ReactJS ([View Site](#))

November 2020

- Showed weather details of a given location through designing an user interface.
- Visualized several weather parameters by font-awesome icons based on fetched data from Open Weather API.

Achievement

- **4* [1826]** in top **4 %** out of 1000K+ users on **Codechef**, An international competitive coding platform.
- **2.5*** in top **15%** out of 1000K+ users on **Leetcode**, An international algorithmic problem solving platform.
- Secured position in top **3 %** out of 250K+ participants in CODEVITA 9, a nationwide coding contest by TCS.
- **5*** on Problem-Solving, C++, Python in top 0.01 % out of 7000K+ users **Hackerrank**, A problem solving platform.

Technical Skills

- **Languages :-** C++, Python, JavaScript, SQL, NoSQL. HTML/CSS ,
- **Framework :-** ReactJS, Ruby on Rails, NodeJS, Git, REST, POSTMAN, UNIX, Linux.
- **Fundamentals :-** Data Structures and Algorithms, Object Oriented Programming, Distributed Systems.

Extra Curricular Activities

Student Mentor

- Assisting more than **4k students on Devsnest** to solve their doubts in Data Structures and Algorithms ,Front-end.

Training and Placement Cell Representative, CSE 2021

- Arranged several job opportunities and sessions for coding rounds and interview preparations and soft skills.