Soumodipta Bose

M. Tech(Year 1)
Computer Science & Engineering
at IIIT Hyderabad

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Links

in: **soumodipta-bose**
☊: **soumodiptab**

Skills

LANGUAGES
C/C++, Java, SQL

FRAMEWORK
Spring, Maven, ActiveMQ,
JasperReports

DATABASES
Oracle SQL Developer

OTHERS
Git,VS Code, Eclipse,iReports

Coursework

Data Structures
Algorithms
Database Management Systems
Operating Systems

Education

2021-PRESENT
M. TECH IN CSE
IIIT Hyderabad, Hyderabad

2015-2019
B.TECH. IN CSE
University of Engineering and
Management , Kolkata
CGPA : 9.55/10

2013-2015
HIGH SCHOOL
Bholananda National Vidyalaya,
Barrackpore
Percentage: 90.6%

-2013
SCHOOL
Modern English Academy,
Barrackpore
Percentage: 94%

Experience

2019-2020   **NRI Financial Technologies**   **Software Engineer**
I have worked in ISTAR/GV an application that is meant for Brokers for trading stocks in various international markets and gained practical knowledge in the following areas:

- Development : Worked on both new development as well as changes requested by client like:
  Batch Service that runs at a scheduled time and extracts data pertaining to the Transfer of Accounts between various brokers and converts it into a report(PDF/XLS/CSV) and sends to the origin broker using email service.
  Creating a new flow of Message Processing that allows partial allocation of trades from Processing Queues and UI changes to convert excel file records into messages which are then sent to these Processing queues.
  Creating a Batch that allows more flexible ETO Trading by automating the procedure done using various screens. (etc.)

- Patches and Fixes : Fixed various Bugs and Issues faced by the users in UI as well as backend processing like: Allowing users to upload XLSX instead of XLS files and allow more than 80000 records per file using a new class, Tweaking brokerage calculation formulae to allow more flexibility using rule based tax fee. (etc.)

- Debugging: Tracing and finding root causes of various errors in Production Server.

- Upgradation : Worked in Database Upgradation from older version of Oracle 11g to 19c newer version and reworked the project build in MAVEN and made custom changes to various third party APIs to allow compatibility with the newer database.

- Dev-Ops : Managing updates and builds for Dev, QA, and Production Environments and release of new versions of the application.

CAPITAL MARKETS, Trading, Java

Project

2019   **Matching Post-Disaster Resource Needs and Availabilities from Code-mixed Microblogs Focused on Chennai Floods using NLP**
Exploratory and Analytical Study of data generated in social media feeds during disasters and match resource requirements and needs.

Achievements/Awards

2015-2019   **UEM Kolkata**   **3rd in CS Department**
In this was awarded the Chancellor's Bronze Model for ranking 3rd in the CS Department in the entire duration of the course among more than 500 students.