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Incoming SDE @Amazon
Graduate 2023

Raisa Chatterjee

Bachelor of Electrical Engineering, Jadavpur University

Projects @ Amazon Internship (May 30,22 to July 29,22)

Sorting Backup Payment Methods

❖ As a part of the PUMA to PMA migration, backup payment methods in the wallet are sorted based on certain criteria while maintaining parity with the legacy logic written in PUMA.

❖ Designed a LLD for the new workflow of sorting as well as the old workflow.

❖ Drafted a document explaining the differences, advantages and implementation of the new design and implemented it using Java Spring.

Published metrics when Authentication Source is missing

❖ Inserted a metrics which keeps a record of the failure of the payment due to failure of grandfathering if the authentication source is missing

Modification of Grandfathering in PMA migration

❖ Implementing Grandfathering only when the authentication source id requires it.

Education

❖ 10th ICSE (2016) : Passed from Steel Carmel Convent School Durgapur with 95.6%

❖ 12th CBSE (2018) : Passed from DAV Model School Durgapur with 94.8%

❖ BE in Electrical Engineering from Jadavpur University, Average GPA-8.9

Extra Curriculars

Debates MUNs Badminton Poetry Video-Editing

Projects @Growdeatech Pvt. Ltd. (April 21 – July 21, Sept 21-Dec 21)

Organization Management Platform

❖ The tool is built using Django framework with three categories of users namely Head, Manager and Staff.

❖ There is a product database which can be accessed by all the three categories of users.

❖ Request for orders can be placed by the users which can be accepted or rejected by the superiors. Details can be downloaded.

QSAR Tool (AI tool)

❖ Predicts the chemical properties of a compound given its smiles formula.

❖ Flask-SQLALCHEMY used as database. Used Flask-login for handling the sessions of the user. Implemented timed sessions for users.

Personal Project - My Smart Assistant

❖ It wishes the user. Browses websites such as google, youtube, opens applications such as powerpoint and others as per the vocal inputs provided.

❖ Serves as an audio calculator as well.

❖ It can send an email, if the body and the email address of the recipient is provided vocally.

❖ A Smart assistant made using the modules of pyttsx3, speech recognition, datetime and others.

Languages Known

Python, C++, SQL, JAVA, C

Skills

Competitive Coding , Django, Python Flask, Web Development, Machine Learning, Web Designing