**RIMA DAWN**

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**Education**

**Asansol Engineering College , India**   **2018 - 2022**

* E.C.E | CGPA: **8.87** (10 CGPA)

**Kulti Girls’ High School, India** **2017 - 2018**

* *WBCHSE (Class XII), Aggregate: 70.20%*

**Kulti Girls’ High School, India 2016 - 2017**

* *WBBSE (Class X), CGPA: 80%*

**Skills**

Java | Spring | SpringBoot | Node JS | React | MongoDB| PostgreSQL | MySQL | Git | CI/CD | Docker | Kubernetes | GraphQL | GRPC |

**Work Experience**

**Persistent System Limited** | **SDE - 1**  **Feb’22 - Nov’23**

* Development of tools to for modules like **SMTP service**
* Improvement of APIs to **reduce system load and memory utilization by structuring database queries**
* Development of **data upload module to process large datasets** with both frontend and backend
* Creating pipelines with **GitHub Actions , Docker and Kubernetes**
* Development of Web Applications using **React, Next Js, Node Js, MySQL, PostgresQL, MongoDB**

**Projects**

**Ecommerce Application Feb’22**

*Web Platform for selling garments.*

* Developed **architecture** around products for linking and search purposes.
* Structured database to efficiently load data with minimal data processing on the backend server.
* Implementation **GraphQL & GRPC** for structured data transfer and less runtime errors.

**Online self KYC Aug’22**

*PAAS for verification of critical data .*

* Analysis of **Stock Market** Data in Realtime using **Websockets**
* Data Visualization library to optimize performance using **SVG** and **JS**.

**RBAC Server - Role Based Access Control Dec’22**

*Validating users at an API level with Role Based Access and Responses.*

* Created Roles and specific Access controls for each role with API.
* Developed access control finder to effectively look for access control over 10 resources.
* Curated Complex SQL queries to avoid API processing at Backend Application level.

**Connect - Stay Connected with Your Close Ones Jun’23**

*Real time chat application created with custom Rooms and Group Cha****t.***

* Creation of Custom Rooms and Group Chats using **Websockets**  .
* Built the functionality to send and receive multipart messages with media.

**TradeMantra Sept’23**

*Data visualization tool built using websockets to see market behavior.*

* Created System to handle real time changes with the help of Kite(Zerodha) Websocket API.
* Developed automated authentication to handle login for Kite.
* Implemented Subscription model.
* Implemented Payment gateway to handle payments for provided subscriptions.