

Rudranil Kundu

rudranilkundu@gmail.com | (+91) 9007187602 | [linkedin/Rudranil Kundu](https://www.linkedin.com/in/RudranilKundu)

WORK EXPERIENCE

JIO PRIVATE LIMITED | SOFTWARE ENGINEER

September 2022 – Present

- **GST Payments Dashboard:**
 - Developed the dashboard backend using **Node.js** and **SQL**, used for consolidating GST records and payments.
 - Built **RESTful API**'s to pull data from multiple sources, for **CRUD** operations, implemented **API Authentication** with **SSO** cookies and **Role-based API Authorization**, consumed external API's from bank that uses an encrypted format for communication.
 - Developed **cron-job** to pull data in the background from SAP for the application.
 - Deployed code using **Azure** and the prebuilt mechanism of CI/CD pipelines.
- **Technology/Tools:** Node.js, SQL, Postman, Azure, Swagger Docs.

JIO PRIVATE LIMITED | GRADUATE ENGINEER TRAINEE

July 2021 - August 2022

- **ForexMurex dashboard:**
 - Using **Node.js**, developed the backend of this wrapper project that fetches data from SAP in real-time and serves to the UI, implemented **server-side pagination** for fetch API's also built a **cron-job** to post data in SAP in background.
 - **Technology/Tools:** Node.js, Express.js, Postman, Azure, Swagger Docs.
- **Transfer Pricing Portal:**
 - Developed the backend in **Node.js** and **SQL**, built **REST API**'s for **CRUD** operations, data modification, implemented **Authentication** and **Authorization** for the endpoints, also worked on Kafka-Consumer to source data from Kafka Queue for the application.
 - **Technology/Tools:** Node.js, Express.js, SQL, Postman, Azure, Swagger Docs.

PROJECTS

MOVIE RENTAL BACKEND

NODE.JS, MONGODB ATLAS, HEROKU

- Developed **REST API**'s for **CRUD** operations, implemented **Payload Validation**, **Authentication** and **Role-based Authorization** with **JWT** for most API endpoints for an imaginary video rental service.
- Implemented **Error handling** and **logging** of errors with **Winston**, written automated tests for both **Unit** and **Integration** testing with **JEST** framework.
- Used **MongoDB** as a database along with **mongoose** ORM, deployed on Heroku with MongoDB Atlas(cloud database).
- **Technology/Tools:** Node.js, Express.js, Postman, MongoDB, Jest, JWT, Joi.

SKILLS

Languages: Javascript, SQL, Java

Tools and Others: Visual Studio Code, Postman, MySQL Workbench, Git/Github, Azure

ACHIEVEMENTS

- Became part of **Next Gen Leaders** group and received recognition as a High Potential candidate among associate developers for outstanding performance and communication skills.

EDUCATION

Bachelor of Technology (B.Tech) in Computer Science and Engineering
UNIVERSITY OF ENGINEERING & MANAGEMENT

Kolkata, IN | 2016 - 2020
GPA 8.72/10