Arijeet Banerjee
Senior Software Engineer

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WORK EXPERIENCE

LTI - Larsen & Toubro Infotech
Senior Software Engineer | Media & Entertainment
Mumbai, Maharashtra | July 2020 - current
- Developed a new xml structure with python for Maria to feed the arc application with the xml string via integrated messaging service.
- Integrated the RabbitMQ functionality with php in the Maria application to send messages to the ARC and consume specific Id for a respective record.
- Modified the Indie database to unify the Maria & Indie functionality and updated the Indie application.
- Implemented the sftp functionality with php for Sony & Wmg by utilizing the phpseclib library.
- Implemented non-blocking download feature from the sftp server for the Sony & Wmg.
- Working on Maria/Indie and Mvi project to process video files fed by the major labels, extract the metadata information, and feed the xml to the desired ftp location with python and php.
- Oversee and led a team of 3 members for the project domain - Finance on "Vehicle Loan Management System" and provide an end-to-end loan-cycle management system.

STUP Consultants (P) Ltd.
Summer Design Intern
Kolkata, West Bengal | June 2019 - July 2019
- Worked on the architectural plan of the undergoing project of Delhi Metro Rail Corporation of the Dhansa Station (Extension of Dwarka - Nazafgarh to Dhansa).
- Design of the Firemen Staircase, Top Strut level arrangement at the Entry and Exit area of the Dhansa Stand Station.

Kritsnam Technologies (P) Ltd.
Summer Design Intern
IIT Kanpur, Uttar Pradesh | June 2018 - July 2018
- Worked alongside a team of 6 on PANI (Provision of Advisory Irrigation) project, an IOT bases solution for sustainable irrigation.
- Data analysis using MS-Excel of the real time soil moisture data of different types of soils to create an efficient model of the optimum amount of water required for the crops.
- Worked on a box-model to deploy in the field with the soil moisture sensors with the respective calibration to record the specific data accurately.

PROJECTS

Vehicle Loan Management System
Team Lead | Backend Developer
September 2020 - October 2020
- Implemented the backend functionality of the project with Spring Boot and integrated with the frontend framework using rest api.
- AngularJS for the frontend framework, Spring Boot for the backend framework and Oracle as the database management system.

Django Blog Website
November 2021
- Designed a simple working Django based Blog website with a user registration and login system with inbuilt templates.

SKILLS

- PHP
- Python (Django)
- C++
- Java (Spring Boot)
- AngularJS
- DBMS (MySQL, PostgreSQL, Oracle), PL/SQL
- HTML5/CSS/JS
- Unix, Git, REST API
- Data Visualization
- Statistics

EDUCATION

B.E.
Civil Engineering
Jadavpur University
August 2016 - May 2020
Kolkata, West Bengal
GPA: 8.74
First Class with Honours