

Arijeet Banerjee

Software Engineer

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WORK EXPERIENCE

LTI - Larsen & Toubro Infotech

Graduate Engineer Trainee

Mumbai, Maharashtra | July 2020 - current

- Working on a MARIA/INDIE 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.
- Worked alongside a team of 6 in the MVI (Music Video Ingestion) project - A tool in which videos are processed to pass the metadata information of the video file.
- 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 based 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. Generation of soil moisture calibration curves for different soil samples with respective soil moisture sensors (SM-100 & SM-500)
- 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
- Technology and Tool: Visual Studio, Spring Tool Suite (STS), Postman, SQL Developer, Oracle

SKILLS

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

EDUCATION

B.E.

Civil Engineering

Jadavpur University

August 2016 - May 2020

Kolkata, West Bengal

GPA: 8.74

First Class with Honours