

RAJARSHI LAHIRI

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EXPERIENCE

Tata Consultancy Services

Systems Engineer

August 2020 - Present

Kolkata

- Currently working as a Salesforce developer in a semi-agile based team for a global beverages company as the client.
- Implemented enhancements requested by client.
- Developed reusable components.
- Worked on proactive ideas for implementing features to reduce effort and provide better user experience.
- Received multiple appreciations from clients.

Adernal Labs

Web Development Intern

June 2018 - July 2018

- My responsibility was working on front-end bug fixes of webpages for an E-commerce site.

Biotech Hub - Assam University

Project Intern

March 2019 - May 2019

Silchar, Assam

- Worked on a project developing and deploying a classifier to classify Mice Liver Cell Images and a corresponding research paper.

EDUCATION

Institute of Engineering & Management, Kolkata

Bachelor of Technology in Computer Science and Engineering

2016-2020

DGPA: 8.76

The Future Foundation School, Kolkata

XII (Higher Secondary)

2016

Aggregate: 89.83%

The Future Foundation School, Kolkata

X (Secondary)

2014

Aggregate: 91.5%

SKILLS

Knowledge of programming and scripting languages like
Image processing with
Web Development(Frontend)
Tools
Strong organizational skills and ability to multi-task

Java, Apex, Python, Java Script, SQL
OpenCV and Numpy
HTML and CSS, Bootstrap, Reactjs
Git

PROJECTS

Breast Cancer Histopathology Patch Wise Image Classification Using A Combination of Deep Convolutional Neural Networks

2019-2020

Final Year Project

- Developed a pre-processing pipeline to prepare the images before it was used for training the CNN.
- Designed a way to classify the tumor images into 4 different classes using an unique inference strategy.
- Developed a REST API using a Flask server and deployed it to Heroku.

Helper App

Personal Project

- Built to help people with developmental disabilities like LIS, ALS, Tetraplegia etc. to communicate.
- The webcam input is taken to detect blinks that simulate left and right clicks and lets user control a custom virtual keyboard and then it is converted to computer generated speech.

Social2Day

Personal Project

- A Web Forum to discuss social issue with or without login. Google Authentication was performed using Firebase's API.
- The frontend was created using bootstrap using the materialize framework and the data storage was done using Firebase's realtime database.
- Developed a live feed to display the posts.

AWARDS AND RECOGNITIONS

Director's Award for Techno Wiz 2020	Institute of Engineering & Management, Kolkata
Best Contributor	IEMGRAPH 2018
Runner's Up	Hackstack 2018 : Hackathon event of Innovacion(Tech Fest of IEM)

POSITIONS AND RESPONSIBILITIES

IEM-I.E.D.C - R&D Lab, sponsored by I.E.D.C, DST, Govt. of India Supervisor (2019-2020)

ACHIEVEMENTS

Cleared Round 1 of TCS Codevita Season 8
 Cleared TCS Wings 1 Elevate Digital Capability Assessment and Interview