Arya Sekhar Bandopadhyay

Software Development Engineer

**ADDRESS**

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 [aryasbandopadhyay](https://www.github.com/aryasbandopadhyay)

**OBJECTIVE**

An award-winning Software Development Expert specialized in developing and building highly complex software applications with hands-on expertise in Machine Learning algorithms, Data Science, Business Analytics, and Full Stack engineering to deliver best- in-class technical solutions and drive business growth initiatives. A highly competent team leader capable of functioning efkciently in a fast-paced, deadline driven and dynamic work environment; demonstrates excellence in developing stack architectures and delivering capabilities across marketplace

**MAJOR SKILLS**

# Machine Learning

Advanced

# React JS

Intermediate

# Javascript

Intermediate

**WORK EXPERIENCE**

# Saleassist.ai , India

Software Development Engineer (Intern)

# Deep Learning

Intermediate

# Python

Advanced

# Databases (MySql and MongoDB)

Intermediate

(March 2021 - June 2021)

Working as a python developer towards using video commerce using sentiment analysis, live bots and video demonstration of products for increasing leads.

Working with Rest API’s, fast API framework, Flask, Django and using NoSQL databases with AWS.

# Gaius Networks, NY

Full Stack Developer (Intern)

(July 2020 - November 2020)

Assembled production level solutions for the platform which served as a means to connect hyper-local communities together. Helped attract 20k active user base for the platform and built highly-reliable and scalable products in full-stack.

# RedFox Labs, Vietnam

Data Science and Blockchain

(March 2020 - July 2020)

Led research in the advanced areas of artikcial intelligence, data mining, machine learning, and deep learning and experimented with machine learning algorithms to solve critical business problems and identify risk, fraud or natural language processing.

Performed scraping of relevant data regarding Blockchain based games and helped them take data driven decisions

# Ovonts.com, Kolkata

Full Stack Developer (Intern)

(November 2019 - January 2020)

Delivered working and well-structured JavaScript code, including API’s and modules like a UI framework, document object model, etc.

Managed individual / team project priorities, deadlines and deliverables in an agile work environment.

Created the admin side dashboard by feeding in data from back-end api's and created the chat platform by integrating sockets.io and end to end encryption using signal protocol

**EDUCATION**

# SRM Institute of Science and Technology

**Bachelors** Computer Science and Engineering

# DAV Model School Durgapur

**Higher Secondary** PCM

# St Vincents High and Technical School

**Secondary** PCMB

(July 2017 - May 2021)

88%

(April 2015 - April 2017)

90.4%

(April 2007 - March 2015)

90.3%

**MAJOR PROJECTS**

# Resume Audit

[**http://resume.dataly.in**](http://resume.dataly.in/)

Has an userbase of 10000

Collaboration with Dr Jason RC Nurse • Has features like resume audit, JD vs CV, SWOT Analysis

# LoadAB

[**http://test.dataly.in**](http://test.dataly.in/)

Community based marketplace for Raw Materials Patented Project.

(July 2020 - April 2021)

(May 2020 - April 2021)

**Delinquent Profle Detection using OSINT Techniques** (January 2020 - April 2021)

Final Year Project

Collaboration with Dr Jason RC Nurse from University of Kent

Base Paper -> https://[www.researchgate.net/publication/344341349\_Cyber\_Criminal\_Detection\_Using\_Hotspot\_Analysis](http://www.researchgate.net/publication/344341349_Cyber_Criminal_Detection_Using_Hotspot_Analysis)

**Video Caption generator** (April 2020 - May 2020)

Video is broken down into frames and objects are detected in each frame by bounding boxes The captions are generated using embedding trained on LSTM Networks

# Named Entity Recognition

A named entity recognition model using gold parser in spacy library

**MINOR SKILLS**

# Tableau and PowerBI Web Development Blockchain

**Angular JS Microsoft Excel Java**

**C++**

**Fast API, Flask and Django Maltego**

**CERTIFICATIONS**

# Machine Learning with Python

MyWbut

# Deep Learning Specialization

Coursera

# React JS Developement

Udemy and Youtube

# Advanced Profciency Certifcate in C++ and Data Structure

SRMIST

January 2019

February 2020

July 2020

April 2018

**AWARDS**

# State Level Citation Winner

C19 Bioinformatics Hackathon

# Best Paper Presentation Award

ICIOT SRM

# GDC Hackathon Finalist

Google Developers Club, India

July 2020

January 2020

July 2020

**LANGUAGES**

# English

Very Fluent

# Hindi

Fluent

# Bengali

Native Tongue

# German

Basic

# Received Media Accolades from top media houses for launching Suraksha Covid 19

Zee news

**REFERENCES**

May 2020

# J Ramaprabha

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