

SOURAV DAS

Associate Software Engineer

Highly motivated individual in anticipation of an opportunity providing intellectually challenging work in the field of Software Development.

usourav.das.che16@itbhu.ac.in ✉

+91 9007061696 📞

Bangalore, India 📍

linkedin.com/in/sourav-das-1a6a84153 

EDUCATION

Bachelor Of Technology

IIT(BHU), Varanasi

07/2016 - 07/2020

6.53

ISC (XII)

Julien Day School, Kalyani, WB

2016

90%

ICSE(X)

Julien Day School, Kalyani, WB

2014

88.4%

WORK EXPERIENCE

Associate Software Engineer

Blume Global India Private Limited 

07/2020 - 02/2021

Bangalore, India

Achievements/Tasks

- Successfully developed an Activity UI using **React** for tracking the movement of containers of **C. H. Robinson** and **Celtic International Inc.** and achieved the project scheduled goals.
- Successfully developed a Supply & Demand forecasting UI using **React** from scratch for **C. H. Robinson** and collaborated with data scientists for their API integration.
- Implemented **Redux** for the data flow in the above two UIs.
- Successfully developed an end-to-end "Ingate Empty" event creation feature for **UPS** using **Spring MVC** and **Javascript**.
- As a developer, I was responsible for insuring the successful launch of these product features.

Artificial Intelligence Intern

Charmboard 

05/2019 - 07/2019

Bangalore, India

Automated Categorization Of Men And Women Outfits

- Successfully developed a computer vision model that can quickly and precisely classify men and women outfits and accordingly categorize them.
- Implemented different pre-trained models - **VGG16**, **ResNet50**, **Xception**, **InceptionV3** and **MobileNet**.
- Obtained much more efficient results than previously used techniques in terms of efficiency and time.
- Received a **Pre-Placement Offer**.

INTERESTS

Problem Solving

Software Development

Machine Learning

Painting

Football

TECHNICAL SKILLS

Programming

Java, C, Python, Javascript

Frameworks

React, Bootstrap, Spring, Hibernate, Spring Boot, Tensorflow, Keras

Databases

MySQL, MongoDB

IT Constructs

Data Structures, Algorithms, OOPs

Tools

Git, Jenkins, Soap UI, Google Cloud

PERSONAL PROJECTS

Order Management Web App (2020)

- Successfully developed a Web Application for **Order Management** to meet day-to-day business requirements.
- Users can create, update and delete order according to his/her requirements.
- Technologies used:- **Backend** - Java(Spring Boot), **Frontend** - React, **Database** - MySQL.

Automated Diagnosis Of Alzheimer's Disease (2019)

- Successfully created a computer vision model that can accurately diagnose Alzheimer's using **MRI** images.
- Implemented **Convolutional Neural Network** which was never been used earlier for such diagnosis. Tested the model on MRI images collected from **Sir Sunderlal Hospital, Varanasi**, and obtained a very efficient result.
- Obtained a test accuracy of **85%**.

CERTIFICATES

Spring & Hibernate for Beginners (includes Spring Boot)



React - The Complete Guide (incl Hooks, React Router, Redux)

POSITION OF RESPONSIBILITY

Event Coordinator

Osmoze'19, IIT (BHU), Varanasi

2019

Tasks/Achievements

- Organized several workshops for mentoring the students.
- Created the complete Problem Statement for the event.
- Successfully carried out the event.

ACHIEVEMENTS

CodeHunt, Osmoze'18

Secured 8th position in CodeHunt, an online competitive coding event in Osmoze'18.

Pixelate, Technex'17

Secured 2nd position in Pixelate, a robotics event in Technex'17.