

# Rajdeep Biswas

## Software Engineer

With 3 years of experience having played multiple roles that of Data Scientist, Machine Learning Engineer, Backend Developer, and also a Technical Lead, I aspire to bring my skills of engineering, directed ownership and improving team processes to the table.

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## WORK EXPERIENCE

### Engineering Lead (Fellowship)

#### SAP Labs

February 2023 - Present

- Led a team of 15 engineers into delivering multiple features and backlog items for a Dashboard used by 2000+ training program students.
- Identified central stakeholder expectations and onboarded the product for multiple new international locations; United States, Korea and Singapore.

### Data Scientist, Engineer

#### SAP Labs

August 2020 - Present

- Responsible for creation of system architecture design of several ML usecases, in communication with senior architects and product owners.
- Introduced data science processes involving heavy documentation, team greatly benefited with better structure and organized knowledge.
- Identified and brought up multiple Python ML usecases from, Exploratory Data Analysis stage to Proof of Concept to production, including heavy focus on creating heavily readable Wikis and GitHub documentation.
- Rewrote the backend Java code of one of SAP's core products to reduce pipeline freezes involving dataload limitations at production from 90% of the time to < 10% of the time.
- Ranked in several company product and tech hackathons involving ML solutions to novel and existing problems.

## PUBLICATIONS

A Comparative Study on Improving Word Embeddings Beyond Word2Vec and GloVe

- PGDC (IEEE) 2022

COVID-19 Time Series Prediction and Lockdown Effectiveness

- ICCIDM (Springer) 2021

## EDUCATION

### Master of Technology

Birla Institute Of Technology And Science (BITS), Pilani

8.04 CGPA

## SKILLS

Python

TensorFlow

Flask

Java

Docker

Machine Learning

Git / GitHub

Time Series Analysis

Anomaly Detection

NLP

## ACHIEVEMENTS

### 15+ Appreciation Awards

*Awarded by peers and organization leadership at SAP for outstanding work in teams & projects.*

### Machine Learning Trainer

*Trained over 250 new hires at SAP with skills in Python and Machine Learning.*

### Mentorship Program

*Officially served as a mentor for new joiners at the Speak2Lead program at SAP.*

## OPEN SOURCE

Contributed to several open source projects such as Microsoft PowerShell, AngularJS.

Active participant of Hacktoberfest, Advent of Code since 2020.

## INTERESTS

Music

Film Critique

Mental and Physical Well-being