

**ABHINANDA SAR** (Software Developer)

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## Objective:

To pursue graduate studies in computer science and engineering, leading to a career in research. I am interested in learning Software engineering , machine learning algorithms , Data Science and some new subjects related to my branch.

## Professional Experience:

**Software Developer** at Tata Technologies- Jaguar landrover project (**June 2021-Present**)

Current Responsibility:-

- Development and testing of software.
- Writing codes for new functionality.
- Resolving user issues.

## GRE & IELTS Score:

- **GRE**: - 301 (Quant: - 156 Verbal: - 145 AWM: - 3.0)
- **IELTS** :- 6.5

## Amcat Score:

Module	Score	Grade	National Percentile
English Comprehension	575	A	83%
Quantitative Ability (Advanced)	555	A	70%
Logical Ability	630	A	98%
Computer Programming	530	A	87%
Computer Science	460	A	74%

## Education:

- 2018-2021 B. Tech. In Computer Science & Engineering, Bhilai Institute of Technology, Durg, India. 9.5 (on a scale of 10)
- Delhi Public School , Durg, India
- (XII) 84.5% (CBSE)
- (X) 94% 9.8 cgpa (CBSE)

## Internships and Fellowships

### 1. Indian Institute of Technology , Kharagpur (Department of computer science and Engineering) - IIT Kharagpur-2019

Summer internship fellow under Dr. Niloy Ganguly (May-June 2019) Topic : Understanding Machine Learning with vlogs

### 2. Indian Academy of Sciences, Bangalore - ( IISC Bangalore) 2020

Selected for Focus area Science Technology summer Fellowship ( FAST-SF) [ Application ID :FENGs 19] ( june 2020)

### 3. International Institute of Information Technology, Naya Raipur ( IIT Naya raipur) 2021

Selected as summer research intern for the government of chhattisgarh project. (july-september 2021)

## Academic Projects:

## 1. Bitshine project Competition : ( Selected in top 8 teams)

NGO project : for street dogs

- Firstly, a dynamic website was created where users can click photographs of an orphan dog and upload it to the website.
- Secondly, the location of the user is tracked and sent to a NGO nearby so that they can come for rescue.

## 2. Effects of quarantine on left and right brain: ( preprint published)

- This is also a dynamic website where users are asked certain questions .
- Based on the answers given by users the algorithm entered detects which side is dominant.
- Based on that games/quizes or accordingly some stress relieving tasks are provided.

( whole thing was linked to lock down period)

## Technical Skills:

*Languages:*

- C/C++
- java
- Python
- PHP
- MySQL
- JavaScript
- SML

*Platforms:*

- Linux
- Windows.

*Software frameworks :*

- Struts2
- Angular,primeng
- SAML 2.0

## Paper Publication:

1. Preprint publication : Impact based on Quarantine Psychology: Analysis of left and right brain Hemispheres.  
doi: 10.20944/preprints202106.0205.v1

2. Paper published in *Neuropsychological Trends* : ( April release)

**<https://www.ledonline.it/NeuropsychologicalTrends/>**

- 3 .Europe PMC : [europepmc.org/article/ppr/ppr354576](https://europepmc.org/article/ppr/ppr354576)

## Trainings and other Skills:

3. Training in **JAVA 7** from IGET .
4. Training in **STRUTS 2** from IGET
5. Training of platforms like **eclipse and intelliJ** from IGET.
6. Trained in **Angular and PrimeNg** components
7. Trained in **spring Boot** framework
8. Trained in **SAML 2.0** ( authentication and authorization )
9. Trained in **SSO**( single sign on) with otkCourses:

( UDEMY)

- Data structures and Algorithms.
- Data analysis using Python
- Sensor arrays
- Struts framework

## Memberships:

- **TREASURER : professional activity club (PAC)**
- **CLASS REPRESENTATIVE : 3 rd semester**
- **Event Organization Head (CSE BRANCH)**
- **Editor of the college magazine committee.**
- **Member of BITCON NATIONAL CONFERENCE**
- **Member of college fest OJAS .**

## Achievements & Awards:

- **Branch Rank : Consistently maintaining branch rank top 10 among over the last 8 semesters in CSE branch (CSVТУ,Bhilai ) BIT durg.**
- **Awarded 2 nd prize in women's day poster making contest.**
- **Secured 2 nd position in ERASMUS+ program written test at BIT**

## Personal Profile:

Nationality: Indian

Father's name Dr.Santosh kumar sar

Languages: Hindi, English,Bengali

Passport Number: J8943046

References: If asked

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