

## Sandra Binoy

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### Profile Snapshot

- Trained in JEE Cloud in Core Java, DBMS (Oracle SQL and PostgreSQL), Angular (HTML, CSS, JavaScript, and TypeScript), Spring Framework, JPA with Hibernate, and Microservices.
- Have previously worked with AI/ML for the following projects: facial recognition (using OpenCV), Chatbots in Python and Anomaly Detection (using TensorFlow for Neural Network-LSTM) in R and Python, Differential Gene Expression, for the genes associated with a type of tumour called Glioma to understand the gene network and proteins associated with the same for the pathway analysis-a much advanced version of this can be helpful in formulating drugs for this type of tumour.
- Comfortable working on Linux (Ubuntu 16 and 18), MacOS, and Windows. Have previously worked with AWS. Worked with Docker (for Elasticsearch).

### Education

Qualification	Year	Institution	Percentage/CGPA/GPA
BTech (IT)	2015-2019	Christ (deemed to be University), Bengaluru	3.0 GPA
Secondary	2012-2014	Montfort A.I Higher Secondary School, Yercaud (TN State Board)	80.8% 91% (English) 75.5% (Mathematics) 90% (Physics)
Grade X	2002-2012	Assisi Convent Senior Secondary School (CBSE), Noida	8.2 CGPA

### Work Experience

Year (Period)	Company Name	Position
2016(1 month)	Steag Energy Services, Noida	Intern (C# SQL)
2017(7 months)	Chikitsya, School for Autism	Social Media Intern
2018(1 month)	TECHwings Software Solutions, Bengaluru	Intern (ReactJS)
2019(3 months)	BFC Technology, Bengaluru	AI/ML Developer (Py R Go)
2020	Capgemini	Analyst/Software Engineer

## Projects

Worked in groups for the following:

- Hybrid **Mobile Application** using ionic framework
- **Mobile app** using android studio and firebase for administration purposes for an animal hospital (PfA), Bengaluru
- A **Web application** called Online Movie Ticket System using SpringBoot and RestTemplate for the backend and Angular for the front-end.

Not part of group projects:

- **Face Recognition** using OpenCV in Python
- **Pathway analysis** on DGE (RNA-Seq analysis) in R along with web-based applications
- Rule-based **Chatbot** in Python
- **Anomaly detection** for various metrics (CPU Usage, memory, disk reads and writes, etc.) using R and Python (TensorFlow)-similar to CloudWatch

## Language Skills (Communication)

Language	Read	Write	Speak	Proficiency
English	Yes	Yes	Yes	Advanced
Hindi	Yes	Yes	Yes	Proficient
Malayalam	Yes	Yes	Yes	Advanced
French	Yes	Yes	Yes	Intermediary

## IT Skills

Skill	Application	Last used	Experience
MS Office	MS WORD, MS EXCEL, MS POWERPOINT	Recently (less than a month ago)	3 year(s)
R (Programming language)	RStudio	Recently (less than a month ago)	1 year(s)
Python	Anaconda, Terminal, VS	Recently (less than a month ago)	2 year(s)
C	Dev C++	24 months ago	1 year(s)
Java	Eclipse, NetBeans, IntelliJ	Recently (less than a month ago)	1 year(s)
SpringBoot	STS, Eclipse	Recently (less than a month ago)	2 month(s)

## Personal Information

Name: Sandra Binoy  
Father's Name: Binoy Das  
Age: 23 Years  
Date of birth: 09.07.1996  
Gender: Female  
Marital Status: Unmarried