**Roshan Rabinarayan Sahu**
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10,Ganpat Rambare CHS,
Kajupada  pipeline,
Kamani, Vidyavihar(W),
Mumbai-400072.
Maharashtra

**Objective:** To contribute my skills as an Engineering Professional, which will help to explore myself fully and  realize my potential.

## Educational Qualifications

- **Specialization**: Studied B.E. in **Computer Science** at Terna Engineering College, Navi Mumbai.

| Exam | Board/University | Marks-Score | Month and year of passing |
|---|---|---|---|
| T.E.(Sem-7) | MUMBAI | **246/250-9.84 CGPA** | Dec-2016 |
| T.E.(Sem-6) | MUMBAI | **236/240-9.83 CGPA** | May-2016 |
| T.E.(Sem-5) | MUMBAI | **216/240-9.00 CGPA** | Dec-2015 |
| S.E.(Sem-4) | MUMBAI | **265/280-9.46 CGPA** | May-2015 |
| S.E.(Sem-3) | MUMBAI | **260/280-9.29 CGPA** | Dec-2014 |
| F.E.(Sem-2) | MUMBAI | **231/270-8.56 CGPA** | May-2014 |
| F.E.(Sem-1) | MUMBAI | **233.5/270-8.65 CGPA** | Dec-2013 |
| H.S.C | MAHARASHTRA BOARD | **479/600-79.83%** | May-2013 |
| S.S.C | MAHARASHTRA BOARD | **495/550-90.0%** | June-2011 |

Aggregate Marks from 1st Semester to 7th Semester is: **9.23 CGPA**

## Projects

1. **Computation & Search on XML Documents Using Homomorphic Encryption (Ongoing B.E. project):** Cloud is used to store large amount of data. In spite of its various advantages, there is increase in threat for the data available on cloud. Developing efficient solutions over encrypted documents remains difficult. In this project we address the problem of processing a large amount of encrypted XML documents using homomorphic encryption which is used in conjunction with symmetric encryption to reduce computational and storage cost.

2. **Online Feedback System:** This system helps to minimize the steps taken to provide feedback after every course. It identifies appropriate semester of the student and chooses corresponding subjects pending for feedback. Every teacher has rights to change questions for their respective feedback form, view ratings and add/delete subjects.

3. **Study World:** This website brings all the resources required by students in a single roof. A student can view notice board, fill concession form, take various quizzes, and look for study materials or help. Students can also share their placement experiences.

4. **Sentiment Analysis on Twitter:** An algorithm was developed to analyze sentiments from twitter tags. Graph based output was generated from this analysis.

5. **Placement Notice board portal:** This portal provides notifications for every new post published on the notice board. Admin can also target a specific group of users for sending notifications, example only students from T.E. Comps division or IT division.

## Achievements

- Awarded with **Dorabji Tata Scholarship** for scoring 9.41(aggregate) in T.E with scholarship prize of 72000₹.
- Awarded with **Dorabji Tata Scholarship** for scoring 9.375(aggregate) in S.E with scholarship prize of 64000₹.
- Won **1st prize in National Level Avalon Project Competition** held in Terna Engineering College with cash prize of 10000₹ for the online portal Study World.
- **Topper of college**. (Aggregate topper in all the disciplines, as of semester VII).
- Awarded with 12000₹ cash prize for being aggregate topper in S.E. by Terna Engineering College, Nerul.
- Implemented Online Feedback System in Terna Engineering College, for Computer Science Department.
- Appreciation letter from Computer Science Department, Terna Engineering College for implementing Course Feedback System.

- Published paper on **Search and Computation over Encrypted XML Documents** in **IJTRA** journal.
- Shortlisted among top 9 teams in 'Chrysalis Data Quest' by **Acrotrend** for the project

## Certificates

- Introduction to SQL, ORACLE
- Introduction To Computer Programming Part I, MOOC by IITBOMBAYX
- Introduction To Computer Programming Part II, MOOC by IITBOMBAYX
- Introduction To Python for Data Science, Data Camp
- Basics of Linux, MOOC by EDX
- Introduction PHP MOOC course conducted by ALISON
- Introduction to C MOOC course conducted by ALISON

## Other Information

- Conversant with English, Marathi, Hindi, Oriya.
- Interests: Teaching, Gaming, Travelling.
- **Personal Details:**

| | | |
|---|---|---|
| Name | : | Roshan Rabinarayan Sahu |
| Father's name | : | Rabinarayan Sahu |
| Address for Correspondence | : | 10, Ganpat Rambare CHS, Kajupada pipeline, Kamani, Vidyavihar (W), Mumbai-400072 |
| Mobile No | : | 08080273410 |
| Date of Birth | : | 29$^{th}$ Februrary 1996. |
| Email ID | : | sroshan4020@gmail.com |

**Declaration:**

I hereby declare that the information furnished above is true to the best of my knowledge.

Place: Mumbai

Roshan R. Sahu