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| PRACHI SUDHIR MARATHE Email : prachi\_m22@yahoo.co.in | **Address**:B-203, Ram Govind Society,  Motilal Nehru Road, Dombivli(E)-421201    **Phone**: Residence: 0251-2421074  Mobile : +91-9820125579 |

**Career Objective**

To be the best in my profession,to face new challenges, to keep learning from profession and to utilisemy knowledge and skillsfor innovation in technology so that contributing directly or indirectly in the prosperity of company, nation and myself.

I am currently working at IDBI Intech, Pune from 1st August 2011. Working on a project named Anti Money Laundering in Java. Basically the motive behind this project is to detect the laundering of money that takes place in an unauthorized way. Once such suspicious transactions are detected, their details are reported to RBI. My role in the project development is of Java Developer, as well as I am working in database for store procedures, background processes, data extraction from live channels like Finacle. Concurrently working on other project named i-OMS, which is basically for bank’s offsite audit monitoring.

**Educational Details**

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| **Sr. No.** | **Examination** | **Institution** | **Board/**  **University** | **Year of Passing** | **Percentage** |
| 1 | B.E.(Computers) | Konkan Gyanpeeth College of Engineering, karjat | Mumbai University | Aug-11 | 66.51% |
| 2 | H.S.C. | K.V.Pendharkar college of Science, Dombivli | Maharashtra State Board | Feb-07 | 84.67% |
| 3 | S.S.C | Tilak Nagar Vidya Mandir, Dombivli | Maharashtra State Board | Mar-05 | 84.93% |

# Final Year Project

* **Project Title:** “Skim Reading in ORCA”
* **Programmed in:** Python
* **Brief Overview Of Project:**

As the name suggests, the aim of the project is to enhance the working of the open source screen reader ORCA.ORCA in a screen reader which works on ubuntu.The screen reader as on date lacks many features and thus requires modifications to be done in it for its working to be equivalent to other competing screen readers.

The project is concentrating on the Openoffice.org word processor. The word processor is lacking many features such as sentence to sentence navigation, table reading and many more which are planned to be implemented in the project.

## Mini-Projects

* Presented a Seminar on ***“DNA Computing”***
* Developed a **“*Library Management System”*** – A Database Management Project. This project was developed in VB as the front end and the back end was Microsoft Office Access.
* Developed an ***“Online Shopping Mall”*** using HTML.
* Presented a Seminar on – “***Viruses***” under Presentation of Communication Techniques, which explains what are viruses and some control measures of them.

## Current Projects

* Working on a project named Anti Money Laundering in Java. Basically the motive behind this project is to detect the laundering of money that takes place in an unauthorized way. Once such suspicious transactions are detected, their details are reported to RBI. My role in the project development is of Java Developer, as well as I am working in database for store procedures, background processes, data extraction from live channels like Finacle.
* Concurrently working on other project named i-OMS, which is basically for bank’s offsite audit monitoring. It gives several notifications to bank auditors like missing KYC detail, or unusual performance of several customer/accounts etc, which bank auditors can escalate to branch employees and get a compliance.

## Skill Sets

**Operating System** : Windows 98, 2000, XP,

**Programming Languages** : C++, Java

**Scripting Languages** : HTML, XML.

**DBMS Tools** : MS Access, SQL in Oracle 9i

## Academic achievements

* **Appeared for GRE Sept-10 : Quantitative 740 / 800**

**Verbal 570 / 800**

**Total 1310 / 1600**

* **Appeared for TOEFL Sep-12 : 95 / 120**

#### Hobbies and Interests

Reading, Music, Drawing.

#### Personal Qualities

* Good listener and have excellent soft skills.
* Optimistic and Co-operative
* Adaptive to dynamic situation.
* Creative

**Personal Details**

* **Date of Birth** : 28 June1990
* **Marital Status :** Single
* **Religion :** Hindu
* **Languages Known :** English, Marathi, Hindi
* **Passport no.** H8356306, valid up to 23.2.2020

**Currently CTC**: 2.85 lack per annum.

I hereby declare that information given herewith is correct to knowledge and I will and responsible for any discrepancy.

Signature

(**Prachi S**. **Marathe**)

**STATEMENT OF PURPOSE**

My earnest pursuits in life have been to excel in whatever I undertake to do. As I get ready to embark on my next academic phase I am enthusiastic and optimistic as to where my passion for computers will take me. In the present day, Computers have developed a universe of their own. Their diversity is almost unparalleled. While technology is expanding at an astounding rate it is the ubiquitous chip that is virtually ruling the world. The computer is now the supreme symbol of the present century’s technology, one that has transformed businesses and lives around the world, increased productivity and opened access to almost every facet of man's life. The field of computer science is one where the learning and scope for continuous evolving is never ending holding much promise for the future.

As an individual I have recognized my own abilities and have worked hard to enhance my technological skills in every possible manner at every given opportunity. Alongside I have always dreamt of rising above the application of already developed technology to working on cutting-edge technological research. I also believe that my growing enthusiasm and conscientiously scrupulous efforts to equip myself with the latest technology makes me an ideal candidate to seek admission for your Masters program in Computer Science. I am now looking forward to enjoy the benefits of an educational institution like yours. Learning amidst your international set of students will be an interesting period of erudition.

I believe that the buzz in the computing field never dims. Nothing stops the onward progress of this field where skills, discipline and innovation combine to give us the most advanced technology. I believe the computer world is all about vision and action. Dreams being turned into reality for everything that is practical today was theoretical yesterday, so logically, everything that is theoretical today will definitely be practical tomorrow. My long term goal is of working towards achieving competency in core computing areas such as data structures, algorithms, their complexities, more over robotics, artificial intelligence. What better way of contributing to the society that has given me so much other than striving to make it an effective and progressive part of the advancing world.

At the inspiring under graduate Computer Engineering program from the Konkan Gyanpeeth College of Engineering I had a number of opportunities to realize that indeed computers are my area of undivided interest. Subjects including data structures, study of compilers, robotics and specially artificial intelligence, fascinated me. That increased my interest in the particular field even further. I worked on some seminars, presentations and projects. All of these have encouraged me to venture further into my areas of interest in my quest to learn and equip myself with a more focused and detailed knowledge about this field.

Engaged as I have been in all assignments and technical projects I have learnt through practical application of my acquired knowledge. I worked really hard on my final year project titled Enhancing ORCA Accessibility for Visually Impaired People. ORCA is a screen reader and screen magnifier, which is a free and open source and it is continually under development. Orca provides accessibility to many applications.  Open Office.org writer (OOo Writer) is one of them. The project’s focus is to improve Orca’s accessibility support for OOo Writer. Orca however does not provide navigation between sentences. So in my project I tried to solve the same issue; Where in I have been analyzing the script, so as to get the solution to the problem.

I am currently working in a java banking domain, with an organization named IDBI Intech since Aug 2011. During this period I have worked on one international project "i-AML"(Anti Money Laundering), and am working on one ongoing project "i-OMS" (Offsite Monitoring System). I have been working as a java developer for both the projects, as well as am working in database for the same. Anti Money Laundering is basically for identifying the unofficial money that is being laundered, the funding that has got any trace with terrorism activities. It scans all the transactions, i.e. financial transactions, NEFT, RTGS,SWIFT Alliance, n even does the SDN Scanning for spotting any suspicious entities involved in the transactions. Offsite Monitoring System is basically for the audits of the bankers. It makes all of the auditing computerized and even faster and safe. Apart from academics I am equally passionate about co curricular activities. I have a good sense of rhythm and love to play the synthesizer. The artist in me has given me several opportunities to work at pencil sketches. An avid reader I enjoy reading thrillers and books on science fiction

It is with confidence that I look forward to undertake this new journey of learning to make a more intelligent beginning tomorrow. I hope that I am offered an opportunity to share and expand my knowledge and experiences in this field with the other distinguished students while traversing the distance to my goal of establishing myself as a sound and multitalented professional in the thriving computer industry. I believe new innovations will extend versatility, manageability, and dependability of network infrastructures facilitating the user community worldwide. The new developments are bound to change our lifestyle and outlook like never before, giving rise to efficacious and diverse changes. I aspire to be a part of this phenomenal change for I have the desire and perseverance to excel in my field, and I am sure to succeed because I believe that I have what it takes to bring about a change and make a difference – for the better.

As I stand at the crossroads I have no doubt that a Masters in Computer Science, which is my ultimate scholastic objective will enable me to work in this rapidly expanding field and contribute my strength /abilities in my area of interest, striving to effectively amalgamate disparate but relevant areas in an effort to further the understanding of this branch. I believe I am ready to explore my potentials and enhance my knowledge base in an environment equipped for learning both inside and outside the classroom. Your excellent program appears to me, an adequate context, in which I can hone my skills and abilities to a sparkle and an envious opportunity to pursue an MS will definitely be a precious one.

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