



**SAMIR DHARAR**  
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**Objective:** Seeking work in a fast growing organization so as to hone my technical skills and attaining excellent standards while meeting organizational needs.

## EDUCATION

B.Eng. in Computer Engineering  
University of Mumbai  
CGPI – 9/10

2013 - 2017 (Expected)

## TECHNICAL SKILLS

- |                         |   |
|-------------------------|---|
| • Programming Languages | C, Core Java, Map Reduced Programming, MySQL, HTML, PHP, CSS, XML, JavaScript, Shell Script, etc.               |
| • Platform (OS)         | Android, Windows Phone, Linux (Ubuntu), Microsoft Windows   |
| • Software              | VMWare, Eclipse, Net beans IDE, Android Studio, IBM Rational Architect, OpenGL, Hadoop-2.X, Cisco Packet Tracer |

## RELEVANT COURSES UNDERTAKEN / ONGOING

- |   |  |
|---|--|
| • Object Oriented Programming Methodology | • Computer Networks                            |
| • Mobile Communication and Computing      | • Software Engineering                         |
| • Data Structures                         | • Distributed Databases                        |
| • Distributed Databases                   | • Operating Systems                            |
| • Analysis of Algorithm                   | • System Programming and Compiler Construction |
| • Computer Organization and Architecture  | • Artificial Intelligence                      |
| • Database Management Systems             | • Cryptography and System Security             |
| • Microprocessors                         | • Digital Signal Processing                    |

## RESEARCH PROJECTS

### PARALLEL CONVERSION OF VIDEO USING HADOOOP

(July 2016 – Present)

- **PROJECT LEADER, B.ENG. PROJECT, UNIVERSITY OF MUMBAI**
- Developed a video transcoder which could handle large video and convert them at a faster rate compared to traditional video converters.
- In this project, the concept of parallel execution of mapreduced jobs on Hadoop-clusters have been used.

### HOME NETWORK ARCHITECTURE

(Jan - Feb 2015)

- **COMPUER NETWORKS (MINI PROJECT), JUNIOR YEAR**
- Proposed and designed an architecture for a Home Network (which can be used in residential apartments) using CISCO Packet Tracer tool.
- This architecture of home network was rated and tested to be reliable and cost-effective by the external oral examiner.

### COLLEGE'S WEBSITE

(July - Oct 2015)

- **DESIGNER, WEB TECHNOLOGY LABORATORY, JUNIOR YEAR**
- Developed a website for our institute using core web technologies such as HTML, CSS, JavaScript and PHP.
- Designed the webpages that were very user-friendly and appealing compared to the older version of website.
- Implemented various UML diagrams for the website using IBM Rational Architect tool which made the understanding of different sections of website easy.

**○ PROGRAMMER, COMPUTER GRAPHICS, SOPHOMORE YEAR**

- Implemented a graphical application called 'The Illusion' that could produce an eye-catching pattern on the computer screen.
- We mainly used C and other Graphic Primitives for the coding.

**POSITIONS OF RESPONSIBILITY****TECHNICAL COORDINATOR, ANNUAL TECH-FEST**

(Feb – March 2015)

- Organized a 7 day technical event called 'C - Brain' based on basic C - programming skills at Annual Tech-Fest, witnessing participation of over 60 students all across the department.

**CLASS REPRESENTATIVE, DEPT. OF COMPUTER ENGINEERING**

(Jun 2015 – May 2016)

- Served as Class Representative for the academic year 2015-16, responsible for collaborating with the class representatives of other respective departments for organizing events on behalf the institute.

**MEMBER OF FEEDBACK COMMITTEE, DEPT. OF COMPUTER ENGINEERING**

(Jun 2013 - present)

- Involved in discussing all matters pertaining to the department both on the academic front (conveying students' opinions, giving feedback on the methodology of teaching in various courses and ideas on improving the course structure) as well as extra-academic affairs.