

# **Curriculum Vitae**

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Masters of Engineering

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## **Personal Statement**

In the future, I would like to work as a Software Developer. Therefore, after finishing my masters in Electronics & Telecommunications, I am continuously working towards my objective. Previously, I got glimpse of software development while working as a developer in the Mainframe technology at **Capgemini India Pvt. Ltd.**

From the past 1 year, I am learning various programming languages and technologies to broaden my insight for Software Development including C# & Java. In December 2018, I gave the **OCA (Oracle Certified Associate Java Programmer)** exam and scored 50%. In April 2019, I cleared the exam for **Microsoft Technology Associate (MTA) Software Development Fundamentals** with the score of 79%.

## **Skills**

Technology worked : IBM Mainframe  
Programming Languages : C, Assembly Language, COBOL, Java, C#  
Database : DB2, SQL  
Platforms : Windows7-10, Linux, MATLAB  
Software Tools : MultiSim, LABVIEW  
Testing Tools : Selenium, TOSCA

## **Certifications:**

- Microsoft Technology Associate - Software Development Fundamentals
- IBM Database Associate – DB2 9 Fundamentals
- Tricentis – TOSCA – Automation Specialist Level 1 (Automation Testing)

## **Education:**

<b>Sr. no.</b>	<b>Course</b>	<b>Institute</b>	<b>Year of Passing</b>	<b>Marks</b>
1.	Masters of Engineering in Signal Processing	Pune University, India	2015	79.4%
2.	Bachelors of Engineering in Electronics	Pune University, India	2013	62%
3.	Diploma in Electronics & Telecommunication	Cusrow Wadia Institute of Technology, India (Autonomous)	2009	76.77%
4.	S.S.C (10)	Maharashtra State Board, India	2006	84.33%

## **Work Experience**

1. Working as Volunteer at OXFAM, Manchester (from Jan-2018 to present)
2. Software Engineer at Capgemini India Private Limited (Nov-2015 to Feb-2017)

**Industry Projects:**

- Consumer Mortgage and Lending (Nov'15 - Feb'17):

This project dealt with maintaining accounts of customers from North America province who owe loan against Mortgage to HSBC bank. I got well versed with SDLC (Software Development Life Cycle) and Agile methodology as I got to work in Agile environment during the project. Out of my passion for Business knowledge and Management skills, I completed a course in Agile Software Development to understand the processes in Software Development. To know more about the testing process, I also went forward to complete training and a certification in Automation Testing.

**Academic Projects:**

- Masters project: 'Multi-operator Method for Content-Aware Image Retargeting' (Jan'15 - Oct'15)

This project aimed at resizing image to a specified size, keeping all the contents with its shape and texture intact. Image Retargeting was performed using operator methods as Seam carving, Seam carving with GVF and saliency map.

**Publications:**

1) Bhujbal, Madhura S., and Pallavi S. Deshpande. "Saliency Based Content-Aware Image Retargeting." International Journal of Scientific Engineering & Research, ISSN (Online): 2347-3878

2) Bhujbal, Madhura S., and Pallavi S. Deshpande. "Survey on Content-Aware Image Retargeting Methods". International Journal of Engineering Research & Technology, Vol. 4 - Issue 02 (February - 2015)

**Hobbies:**

- Writing skits and poems. Reading, Swimming