

# Swati Dilip Pawar

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## PROFILE

An Enthusiastic, problem solver recent graduate with academic and professional background in Software development. Seeking a challenging role in the field of Software Engineering through excellence and expertise.

## EDUCATION

<b>University of Massachusetts, Lowell, MA</b>	<b>September 2021 – December 2022</b>
Master of Science in Computer Science	GPA 3.90/4.00
<b>Savitribai Phule Pune University, Pune, India</b>	<b>July 2012 – June 2015</b>
Bachelor of Engineering in Electronics and Telecommunication Engineering	GPA 3.40/4.00

## TECHNICAL SKILLS

- Programming Languages: JAVA, JavaScript, Python, Unix Shell Scripting
- Web Technologies: HTML, CSS, JSON, XML, HTTP
- Tool and Technologies: Ab-Initio, Visual Studio, Eclipse, Auto-Sys, Salesforce, JIRA, Agile methodologies, QlikView, GitHub, Object-oriented concepts, ETL
- Operating Systems: Windows, Linux
- Database and Version Control: Oracle, SQL, MySQL Teradata

## PROFESSIONAL EXPERIENCE

<b>Student Assistant Specialist   University of Massachusetts, Lowell</b>	<b>September 2021 - December 2022</b>
System Operations and Reporting - Registrar Office	
<ul style="list-style-type: none"><li>• Worked on projects to support data analysis, data research and data programming for the academic processes.</li><li>• Designed and developed the front-end page for UML using VB Scripting and HTML.</li><li>• Coded a Python Script to create PDF transcript for thousands of students from single text file which reduced the 100% manual efforts.</li></ul>	
<b>Software Developer   Larsen &amp; Tubro Infotech, India</b>	<b>September 2019 - December 2020</b>
Project: GENESIS Data FMB (Client: CITI Bank)	
<ul style="list-style-type: none"><li>• Worked in application development and maintenance activities for client processes which included the implementation of Ab-Initio graphs to handle new requirements as well changed requirements.</li><li>• Managed the data for 14 products of CITI and ensured the successful data transition to the downstream teams.</li><li>• Addressed the production issues and fixed them permanently.</li><li>• Conducted boot camps on project's functional as well as technical knowledge for new joiners.</li><li>• Ensured all successful deliveries within planned deadlines.</li></ul>	
<b>Software Engineer   Accenture Solutions Pvt Ltd, India</b>	<b>April 2016 - September 2019</b>
Project: DSBS team (Client: Travelers Insurance Company)	
<ul style="list-style-type: none"><li>• Worked in all phases of the SDLC activities which included analysis, design, development, testing, implementation, and maintenance of front-end applications of Insurance firm.</li><li>• Worked on enhancement and optimization of existing ETL Processes.</li><li>• Automated daily manual tasks using Ab-Initio and Shell scripting to reduce human efforts.</li><li>• Worked closely with Client to understand the Business requirements and coded the Ab-Initio Graphs based as per Functional Requirements.</li><li>• Managed project release from High Level Design stage till Implementation in production.</li></ul>	

## ACADEMIC PROJECT EXPERIENCE

<b>Full 2D-Shape Editor/Painting Application [HTML5, CSS3, JavaScript]</b>	<b>January 2021 - May 2021</b>
<ul style="list-style-type: none"><li>• Designed a 2D Shape Editor application to draw Geometric Shapes on a Canvas.</li><li>• The application has several menus/mechanisms to support different shapes.</li></ul>	
<b>Classification of Ultra-high carbon steel using B-CNN and probabilistic clustering [ML, Python]</b>	<b>January 2021 - May 2021</b>
<ul style="list-style-type: none"><li>• Analyzed the methods to extract and classify information of Ultra-High Carbon Steel (UHCS) image datasets.</li><li>• Implemented Supervised (SVM, CNN) and Unsupervised (K-means) learning model to classify the micro structures of UHCS.</li></ul>	
<b>Design and Analysis of Capacitive Pressure Sensor using MEMS Technology [COMSOL software]</b>	<b>January 2015 - May 2015</b>
<ul style="list-style-type: none"><li>• Objective was to design the capacitive pressure sensor using MEMS technology for Aircraft altimeter application.</li><li>• Analyzed various designs for the sensor using graphical and numerical methods.</li><li>• Created and published the research paper for best design of capacitive pressure sensor using MEMS.</li></ul>	

## LEADERSHIP AND INVOLVEMENT

<b>Cultural Member   Student Council – Cummins College of Engineering for Women</b>	<b>March 2014 - December 2014</b>
<ul style="list-style-type: none"><li>• Organized the “RL Plane Workshop” by AeroTriX at college.</li><li>• Volunteered the INNOVATION 2k14, the national level technical Event held at college.</li></ul>	