Swati Pawar

Natick, MA |774 231 4067 | [Email](#) | [LinkedIn](#) | [Portfolio](#)

Experienced software engineering professional and a recent masters graduate in Computer Science. Seeking an exciting opportunity to apply my expertise and skills to innovate customer focused software.

EDUCATION

MS in Computer Science	GPA 3.90/4.00
University of Massachusetts, Lowell, MA	*Jan 2021 – Dec 2022*
BE in Electronics and Telecommunications	GPA 3.40/4.00
Savitribai Phule Pune University, Pune, India	*Jul 2012 – Jun 2015*

TECHNICAL SKILLS

Languages	**:** Java, JavaScript, Python, Unix Shell scripting, HTML, CSS, JSON, XML, HTTP, OOP
Database	**:** Oracle, SQL, MySQL, Teradata
Tools and Technologies	**:** Ab-Initio, Visual Studio, Eclipse, Auto-Sys, Quick View, GitHub
Management	**:** Salesforce, Jira, Agile Methodology, ETL
Operating Systems	**:** Window, Linux

EXPERIENCE

Student Assistant Specialist *University of Massachusetts, Lowell*   Sep 2021 - Dec 2022
- Worked on projects to support **data analysis, data research and data programming** for academic processes.
- **Designed and developed** the front-end page for UML using **VB Scripting and HTML**.
- **Automated** PDF transcript generation from a text file using **Python** for the university, to replace manual efforts.

Software Developer *Larsen & Tubro Infotech, India (Client: CITI Bank)*   Sep 2019 - Dec 2020
- **Developed and maintained business applications** using Ab Initio graphs.
- Worked with the client to **gather requirements and fix production issues**.
- **Managed the data for 14 products** of CITI and ensured the successful data transition to the downstream teams.
- **Organized boot camps and mentored** new colleagues on project's functional and technical knowledge.
- Ensured **successful product deliveries**, never missed a client deadline!

Software Engineer *Accenture Solutions Pvt Ltd, India (Client: Travelers Insurance)*   Apr 2016 - Sep 2019
- Worked in all phases of the **SDLC**, analyzed requirements, participated in design reviews, took ownership of the application development, maintenance, and testing of front-end applications.
- **Enhanced and optimized** existing ETL Processes.
- **Automated** daily tasks using Ab-Initio and Shell scripting to reduce manual efforts.

PROJECTS

2D-Shape Editor/Painting Application
- Designed and developed a 2D shape editor application using **HTML5, CSS3, JavaScript**. Users can draw manygeometric shapes, resize, scale, drag and drop on a canvas.

Classification of Ultra-high carbon steel using B-CNN and probabilistic clustering
- **Using Machine Learning**, analyzed methods to extract and classify information of Ultra-High Carbon Steel (UHCS) image datasets. Implemented supervised SVM, CNN and Unsupervised(K-means) learning model with **Python**.

Design and Analysis of Capacitive Pressure Sensor using MEMS Technology
- **Published a research paper** for the design and analysis of a capacitive pressure sensor using MEMS technology and COMSOL software for Aircraft Altimeter application using graphical and numerical methods.

LEADERSHIP

- Organized the "RL Plane Workshop" by AerotriX for the Cummins College of Engineering for Women
- Volunteered at the National technical festival - INNOVATION 2k14.