**Swapnil Madhavi**

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**EDUCATION**

**Pace University, Seidenberg School of Computer Science & Information Systems** New York, NY

Master of Science (MS) in Computer Science May 2020

**Lokmanya Tilak College of Engineering, University of Mumbai** New Mumbai, India

Bachelor of Engineering in Electronics and Telecommunication May 2013

**TECHNICAL SKILLS**

**Programming Languages:** Java, Advanced Java, C++, C, Web Services, REST, SOAP

**Web Related Languages:**  HTML, CSS, JavaScript, jQuery, Angular, REACT

**Development Tools:** Eclipse, MyEclipse, Microsoft Visual Studio

**Software:** JBOSS, Tomcat, MySQL, MSSQL, Oracle BPEL, Oracle BPM, Alfresco Activiti, Microsoft Office (Word, Excel, PowerPoint, Access)

**PROFESSIONAL EXPERIENCE**

**New York City Sanitation Department** New York City

Summer Graduate Intern June 2019 – August 2019

* Developed Lot Smart Application which is used to get lot information by DSNY using Angular and postgres database.
* Implemented a simulator which would bulk process positions of garbage trucks efficiently using Java.

**Majesco Software and Solutions India Pvt. Ltd.** New Mumbai, India

Software Engineer July 2017 – October 2017

* Designed insurance-based web services for Malaysian based bank to verify customer details using BPEL and Alfresco Activiti.

**Avenues India Pvt. Ltd.** Mumbai, India

Jr. Software Developer August 2014 – June 2017

* Developed solutions for payment gateways for acquirer banks as well as integrated different payment options for various issuer banks.
* **Rupay System**
  + Developed and managed a system used to process credit & debit cards on behalf of Indian based acquirer bank using Java.
  + Created an Interactive Voice Response system in the existing system allowing ecommerce transactions through voice calls.
* **Transaction Controller**
  + Integrated different bank payment options with CCAvenue, Asia’s leading Payment Gateway, allowing transactions through different modes.
  + Utilized technologies like Java, servlet, JSP, Struts, SOAP and REST webservices, JavaScript, jQuery and SQL to develop the software.
  + Collaborated with development and testing team to manage the full Software Development Life Cycle for product by fixing bugs, production issues, writing test cases and deploying the code on production.
* **CCIndia Admin**
  + Developed an automated reconciliation and refund module using Java which would compare online transactions with the transactions received from banks, reducing manual work and increasing efficiency of the existing system by 15%.

**ACTIVITIES**

**IEEE - Lokmanya Tilak College of Engineering, University of Mumbai,** Member 10/2011 – 10/2013

* Organized several technical events including Microsoft Dream Spark Yatra and Nokia Student Developer Conclave.

**Pace University Fall 2018 Hackathon** November 2018

* Won Pace University AI Club Fall 2018 Hackathon.

**Pace University Fall 2018 Android HackerRank** February 2019

* Won Java HackerRank Challenge held at Pace University.