

# NEHA ASHOK PATIL

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**Master of Science in Computer Science**  
San Diego State University, California  
**Bachelor of Engineering in Computer Engineering**  
FRCRCE, Mumbai University, India

**(GPA: 3.9)**  
August 2017 - Present  
**(GPA: 3.7)**  
August 2011 - June 2014

## PROFESSIONAL EXPERIENCE

**Illumina** **Application Integration Developer Intern** May 2018 – Present

- Web service interface enhancement (Database operations, SAP REST call) using SnapLogic and deployment using TeamCity.
- Developed customized service monitoring dashboards with an authorized access control using Splunk Cloud.
- Developed file transfer based interfaces/schedulers using Control-M.
- Worked on RabbitMQ script automation, Integrated Automated Test Framework using POSTMAN collections for services.

**TIBCO Software India Pvt. Ltd.** **Associate Consultant** July 2014 – July 2017

Experience of 3 years on various TIBCO products such as TIBCO BusinessWorks, TIBCO EMS, TIBCO Business Studio and TIBCO MDM in IT, spanning areas of designing, developing, testing, quality assurance, application support, and customer support.

**Reliance Jio Infocomm Ltd** (Client site Green Field project) October 2014 – July 2017

- Design, Development and deployment of BW based SOA ESB web services (SOAP/HTTP, XML/JMS) and other modules of a project like Database view and store procedures, JMS queue, bridge configurations and live application and customer support.
- Provided training to the team members along with mentoring and peer code review.
- Involved in CIV (Component Integration Validation), End To End Testing including Performance testing.

## COMPUTER SKILLS

- **Web Technologies:** Web Services, JavaScript, jQuery, React, AJAX, HTML, CSS, Bootstrap, SOAP, REST, RAML, XML, JSON, WSDL, XPATH, XSLT, cXML, JSP, PHP, Perl, CGI, Docker, MVC Architecture, SOA Architecture
- **Languages and Database:** Java, Python, Ruby On Rails, Visual Basic, Oracle, MySQL, MongoDB, PostgreSQL
- **Products:** MuleSoft Anypoint, TIBCO BusinessWorks, TIBCO Administrator, SnapLogic, TIBCO EMS, JMS, RabbitMQ, Control-M, Splunk Cloud
- **Other:** Windows, LINUX, SOAP UI, POSTMAN, Jmeter, TeamCity, SVN, GitHub, Eclipse, PyCharm, JIRA
- **Coursework:** Introduction to Web Application Development, Advanced Web Application Development, Programming for GIS

## PROJECTS

**INVENTORY MANAGEMENT SYSTEM** FEBRUARY 2018

- Developed an Inventory management web application that implements State Management, Sessions and Cookies, Encryption and Data Serialization using HTML, CSS, JavaScript, jQuery, AJAX, MySQL, Perl, CGI.
- It allows an authorized user to add, update or delete products from the database.

**E-COMMERCE WEBSITE** DECEMBER 2017

- Created an online store website that allows customers to browse the various product offerings and purchase products online. It also has shopping cart where users can add or remove items.
- The Website also shows a report page for all orders placed. It is developed using HTML, CSS, JavaScript, jQuery and Perl, CGI is used for all dynamic code and SQL database operation.

**ONLINE SHOES STORE** MARCH 2018

- The JSP/Servlets based application provides user to search products, add/remove to shopping cart (JavaScript) and place an order.

**MARATHON REGISTRATION WEBSITE** NOVEMBER 2017

- Developed a website to allow users to sign up for Marathon, which includes both client side(jQuery) and server side(PHP) form validation, PHP to store data in MySQL, AJAX to verify duplicate Runner. It also stores an image on the server and shows login based roster report grouped by runner's category.

**INTERACTIVE MAP BASED APPLICATION** DECEMBER 2017

- This Java based bilingual application gives detailed information of nearest shopping malls by selecting their map locations.

**CROWD FUNDING** August 2013 – April 2014

- This scheme allows users to post campaign ideas on a website which need funding and allows donors to fund these campaigns.
- The application also provides features like OTP authentication via SMS, CAPTCHA to verify the user, language Internationalization (i18n), Email notification via SMTP, balanced payment gateway, cloud hosting.

**ONLINE MOVIE TICKET BOOKING** February – March 2013

- This web application allows user to browse movie, date, time, seat and book the ticket. Through web pages (HTML, JSP) control goes to servlet which acts as a middleware between oracle database and front end. All flow transition logic is written in java servlets, including Login, Logout Session functionality. The application is designed using MVC architectural pattern.

**HOTEL MANAGEMENT** December 2009 – March 2010

- This Visual Basic interface allows to select from breakfast, lunch and dinner, having food items with different quantity and generates bill.

## CERTIFICATIONS/ ACHIEVEMENTS

- MuleSoft MCD – Integration and API Associate (Mule 3.9) - January 2019
- TIBCO ActiveMatrix Business Works 5.x (License - cd1262240) - May 2015
- Received Client appreciation certificate for Technical support, ESB services development, performance improvement initiative.