**VISHAL NEHE**  [linkedin.com/in/vishal-nehe/](https://www.linkedin.com/in/vishal-nehe/)

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**EDUCATION:**

**Master of Science in Computer Science** Expected May 2021

San Diego State University, San Diego, CA

**Bachelor of Engineering in Computer Science** July 2012-May 2016

Pune University, Pune, India GPA: 3.5

**PROGRAMMING SKILLS:**

**LANGUAGES:** Java, C#, Python

**WEB SKILLS:** JavaScript, CSS, SASS, Bootstrap, jQuery, Node.js, HTML5, .NET MVC, AJAX

**DATABASES:** SQL, MySQL

**TOOLS:** Visual Studio, SSMS, IntelliJ, ServiceNow, Octane

**WORK EXPERIENCE:**

**Sr. Software Engineer, Infosys Pvt Ltd, Pune, India** August 2016-July 2018

**Project 1: TMDB data extraction and reporting application. (Bombardier Aero)**

* Worked on developing backend for reading and extracting data of aircraft parts from word forms.
* Involved in developing a new workflow to reduce the monitoring time by flat 75 minutes using multithreading.
* Used Mail API to send out notifications to stakeholders once the application execution was completed.
* Technologies: **C#, VBA, SQL, .NET MVC, JavaScript, SASS, Node.js**

**Project 2: Dassault Systemes applications. (Adient)** August 2018-July 2019

* Worked as application lead for periodic deployment of business requirements for current application and improved the launch time by 5 seconds by using Group Policy Objects to extract required paths.
* Reduced the size by 20% of cached application data by working with other application leads who shared same user base to develop a customized launcher for starting multiple Dassault Systemes applications.
* Worked on developing LRP (License Release Portal) to reduce the licenses required by 30%. This system notified users to release licenses for inactive sessions using Rest API.
* Developed robocopy script to reduce the number of AIX servers used from 10 to 3 for deploying upgrades over multiple locations by using one server per region strategy.
* Technologies: **Java, JavaFX, Junit, Octane, XML, HTML, jQuery, Bootstrap**

**PROJECTS:**

**Commercial Product Analysis using Hadoop MapReduce**

* Created an application that analyzed the purchase data present in Online Retail dataset. Used Hadoop MapReduce to split data into chunks to generate structured data and then applied Apriori algorithm to generate association rules.
* Output was provided in the form of graphs, recommendations and strategies to improve sales and profits.
* Technologies - **Java, Swing, Hadoop framework (HDFS and MapReduce)**

**Online Wallet web application using MVC framework**

* Created a web application where user can recharge mobile, pay electricity bills.
* Online wallet was created for every user upon signup with the facility to recharge the wallet. Other functionalities included payment options, redeem code, email receipt.
* Technologies – **C#, .NET MVC, HTML, CSS, JavaScript, SQL**

**PySpace – Social Network Application**

* This application allowed users to create a social network account, send friend requests, write post, comment and like.
* Other options included deleting friends, view mutual friends and setting privacy where users present in friends list can comment or like posts.
* Technologies – **Python, MySQL**