

# HITESH BHAVSAR

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## EDUCATION

**Master of Science: Computer Science** | California State University Long Beach (GPA: 3.7)

**May 2021**

**Bachelor of Engineering: Information Technology** | University of Mumbai (GPA: 3.5)

**May 2015**

## TECHNICAL SKILLS

- **Development:** Java, ASP.Net, C#, NodeJS, JavaScript, HTML5, CSS3, Python(basic), React.js, Vb6, Vb.Net
- **Database:** SQL, PL/SQL, MySQL
- **Tools:** Git, Microsoft Visual Sourcesafe, Postman, Gitlab, Atlassian Source tree, Visual Studios, Microsoft SQL Server 2008

## WORK EXPERIENCE

**Product Engineer** | Service Lee Technologies Private Limited, India.

**July 2017 – June 2018**

- Development of Modules in C#, vb.net & ASP.Net to support MMXWarranty API which is the API to check whether the concerned product comes under warranty.
- Deployed Applying code optimization techniques to the existing problem of customer registration and helped increase the speed of execution by 20%
- Conducted and participated in the code review meeting to find the problems with the current code and suggest ways to improvise the current code
- Developed SQL scripts to make database query execution faster and also made scripts to clean the complete database using single query.

**Junior developer** | 21<sup>st</sup> Century Informatics Private Limited, India.

**March 2016 – July 2017**

- Developed 10+ interface applications to interface multiple medical equipments which reduces the hectic work of manual entry for the client
- Developed a communication interface software for data transfer between the Apex software and equipment working on TCP/IP and RS232 connection.
- Participated in the meetings with the clients and provided support with their support issues
- Developed a module whose code integrating TSPlus application and Windows dll's to support a remote printing functionality through which the clients were able to download reports from any pc/laptop connected to the LAN
- Developed a windows service for achieving continuous integration of Apex HIS with Navision Data using Odata authentication
- Developed Graph UI, reports (Bar charts, Pie charts) to provide the statistical information about the patients counts.

## PROJECTS

**Version Control System** | NodeJS, HTML, CSS, JavaScript

- Create repository to maintain different versions of a project.
- Includes features like check-in, check-out, merge-in, merge-out, maintain manifest file for each version of each file, maintain project hierarchy, listing labels to identify different versions.

**Decision Tree Classifier** | Python, Jupyter Notebook

- Developed a Decision tree Classifier for the given dataset from scratch without any help from built in libraries such as pandas, numpy and scikit-learn
- It provides the accuracy of 60%

**ANN - Classifier** | Python, Jupyter Notebook

- Developed a complete neural network from scratch without use of any built-in libraries
- Developed code to display all the epochs and confusion matrix for all the classes
- The testing accuracy turned out to be 70%

**Online Aptitude Exam Generation System** | ASP.net MVC, C#, SQL, HTML, CSS, JavaScript

- Reduces the hectic job of manual paper correction by using CIRCAT algorithm
- It uses timer and smart analyzing technique to prepare the next question in the exam based on the answer given by the student in the exam

## CERTIFICATES

- Certificate of Completion of .Net Smart Pro certification associated with Aptech Private Limited
- Data Science Master Course in association with GreyAtom Private Limited