

Hitesh Bhavsar

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Education

MS in Computer Science • California State University, Long Beach • USA GPA: 3.7/4.0 **Aug 19 - May 21**

- Algorithms and Data Structures • Software Engineering • Pattern Recognition • Software Hardware co-design
- Advance Programming Languages • Topics in Distributed Computing

B.E in Information Technology • University of Mumbai • India

June 11 - July 15

Technical Skills

Languages: Java, Python, C#

Databases: SQL, MongoDB

Web Technologies: HTML5, JavaScript, CSS3, Node.js, JSON, XML, JPA/Hibernate, Spring REST API, ASP.Net

Frameworks: .Net, Spring

Tools: PyCharm, GIT, Visual Source Safe, IntelliJ, Microsoft Visual Studio 2012, SQL Server, Notion, MS Access

Professional Experience

Software Engineer • E-Zest Solutions Inc (MS Access, vb6, SQL, Spring Boot Rest API) **Aug 21-Present**

- Developed new forms in vb6 and MS Access and support design request and provide clients with the weekly reports of all the medicines records that needs to updated to gain their business needs.
- Designed and developed code to compare different plans through xml files and displaying the difference in the xmls in a tabular format using Spring REST API.
- Set up gcp buckets for the inflow and outflow of the data files for the application.
- Implemented convention based CRUD actions like GET, POST, PUT and DELETE.

Product Engineer • Service Lee Technologies Pvt Ltd (ASP.net, C#, SQL)

Jul 17 - Jun 18

- Development of Modules included in C#, vb.net & ASP.Net to consume the existing third party API to suit the intended purpose.
- Developed SQL scripts to clean the complete database using a single query.
- Deployed and applied code optimization techniques and increased the speed of execution of page by 40%.
- Design and development of Web pages, business logic and data layers in ASP.Net with C#.

Junior Developer • 21st Century Informatics Pvt Ltd (ASP.net, C#, vb6, SQL)

Mar 16 - Jul 17

- Developed 10+ interface applications to interface multiple medical equipments which reduces the hectic work of manual entry for the client.
- Developed a module whose code integrates 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 Graph UI, reports (Bar charts, Pie charts) to provide statistical information about the patient count.
- Used ADO.NET in the Entity Framework to access modifies and deletes data in the SQL Server.
- Involved in various phases of the development life cycle by gathering requirements, analysing, design and development

Projects

Word Search Puzzle (Spring REST API, JS, HTML, CSS, GitHub) **Nov 21 - Dec 21**

- Designed and implemented a word-search game UI where by inputting the grid-size and the words a new grid is generated with the words hidden inside the grid.

Version Control System (Nodejs, HTML, CSS, JS, GitHub)

Aug 19 - Dec 19

- A basic clone of GitHub service which is used to store 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.

H1B Application Analyzer

(Python, numpy, pandas, GitHub, scikit-learn) **Mar 19 - May 19**

- Designed and implemented an application in which user uploads the data regarding the applications to be processed and with the help of the machine learning models the accurate status is set for the data.
- Build it using voting classifier where internally Random Forest and Decision Tree classifier were used
- The testing and training accuracy is 80%.

Certification

Data Science Masters Course • GreyAtom Pvt Tech Ltd

(Python, GitHub)

Jan 19 - Jun 19

- Implemented multiple mini projects to understand the underlying concepts of the machine learning.
- Participated in a hackathon and scored 8th rank in 25 groups.