

## DIVVI NAGA VENKATA SATISH

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### PROFILE

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Software engineering analyst with 5+ years of testing experience in ETL, Functional, Automation, Database, Integration testing and Data Analytics using in-house developed Data Comparator Tool.

- Good Understanding of HP ALM, UFT, Software Management, Agile methodology, Big Data, Data Science, Python, SQL, Android, JSON, Javascript, Bootstrap, Cloud Computing, Deep Learning, Neural Networks, Artificial Intelligence, Machine Learning.

### EDUCATION

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#### Master of Science, Computer Science

Expected Graduation - December 2019

California State University, Dominguez Hills (CSUDH), Carson, CA

**GPA 3.96/4.00**

#### Bachelor of Technology, Bioinformatics

SRM University, Kattankulathur, Kancheepuram District, Chennai, Tamilnadu, India

### SKILLS

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**Languages:** Python, JavaScript, IPython, Java

**Frameworks:** Selenium, TensorFlow, Keras, Chainer, PyTorch, Basics of React.js, Django

**Tools:** NetBeans, IntelliJ IDEA, Splunk, KNIME, Apache Spark, Neo4j, Hadoop File System, Jupyter Notebooks, Enthought Canopy, Dreamweaver, Android Studio, Git, Basecamp, Trello, Cloudera VM, Atom.

**Database:** MySQL, PostgreSQL, MongoDB

**SQL Tools:** SQL Developer, Microsoft SQL Server, PgAdmin

### RELATED EXPERIENCE

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#### Software Engineering Sr Analyst:

**August 2012 – August 2017**

Accenture Services Pvt LTD: Bangalore, Karnataka, India

- Created in-house Excel based Data Comparator tool which was patented within an organization. The primary role of this tool was to validate the migration of data between old database and new database and data include, metadata of tables, count of records in the table and data in each columns of the table. The results generated by this tool by the end of Accenture Q2 FY 17 was validation of 750 tables, 65 million records and savings of approximately 35,000\$.
- Involved in all phases of Software Development Life Cycle; from requirement analysis to test scenarios creation, test scripts creation, conversion of test scripts to automation scripts as part of DevOps enabling developers to run the scripts for the last-minute changes in the code enabling go-live without further delays.
- Owned 15 different applications and managed close to 20 individuals in delivering high performance to the clients.
- Delivered close to 85 Releases with 0 production defects and high-quality testing.
- Defect Management, Risk Analysis and Performed 3 level Review process and RTA (Requirement Traceability Matrix)
- HP ALM QC Admin Team Lead – Gathering data for all 150 applications under Accenture for a client and reported metrics such as KPI (Key Performance Index) of different types (Defects to scripts ratio), (total passed scripts) etc.

## PROJECTS

### **CSUDH Health App (Class)**

**Fall 2017**

- Developed android application which will send notification in one trigger to respective individuals who need blood based on the blood types compatibility.
- Innovative idea; tasks include: Writing of the SRS to delivery of the application using android studios and google firebase services like cloud messaging, real time database, and cloud functions for firebase.

### **Big Data Project (Catch the Pink Flamingo) (Personal)**

**Summer 2018**

- Performed exploration of the big data of Catch the Pink Flamingo game to better understand the data of the game. We used Splunk to perform this exploration. We also did aggregation and filtering to know some areas of the data and removing unnecessary data not necessary for our exploration.
- After exploration we did classification using KNIME where we have created the categorical variable to understand the in-app purchases made by the users and trained decision tree using this variable and train set and tested the model using test set. We also generated confusion matrix to find out the accuracy of this model.
- After classification we did clustering using Apache Spark by selecting the features on which we performed k-means clustering and provided recommended actions for generating revenues.
- After clustering we did graph analytics using Neo4j Database where we created nodes and relationships (edges) by importing the data in csv and performed some analytics such as finding the top 10 chattiest users, finding the longest conversation chain and creating a clustering coefficient.

### **Loker Student Union Website (<http://www.lsucsudh.org>) (Personal)**

**Summer 2018**

- Created website for Loker Student Union of California State University – Dominguez Hills using Bootstrap 4.0, Font Awesome, Javascript, PHP, WordPress under my role as Web Designer / Social Media Assistant. The theme designed is unique to the union with the high importance on simplicity and responsive design.

### **CSUDH Computer Science Department Website (Personal)**

**Spring 2019 - Present**

- Developing website using bootstrap framework for Computer Science department at CSUDH under the leadership of department chair “Dr Mohsen Beheshti” and assistant professor “Dr Alireza Izaddoost”.

## HONORS, AWARDS, and ACCOMPLISHMENTS

- Won HENAAC CAHSI Google Coding Challenge 2018
- Accenture – Innovation Award 2017 for Data Comparator tool (1 of 170)
- Accenture – Stellar Award 2014 (1 of 20)
- Accenture – Stellar Award 2013 (1 of 20)

## CERTIFICATIONS

- Coursera – Neural Networks and Deep Learning (deeplearning.ai)
- Coursera – Big Data Specialization (University of California San Diego)
- Coursera – Python for Everybody Specialization (University of Michigan)
- Udemy - Bootstrap 4 From Scratch With 5 Projects
- Udemy – The Complete Javascript Course – Beginner to Professional
- HP0-M46 HP Application Lifecycle Management 11.x S

