**ILAVARASAN ANBUDURAI**

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**EDUCATION**

**California State University, Los Angeles, CA** *M.S., Information Systems* **| GPA: 3.4/4** *(Fall 2018 - Present)*

**Anna University, Chennai, India,** *B.E., Electronics and Communication* **| GPA: 3.5/4** *(Aug 2014 - May 2018)*

**TECHNICAL SKILLS**

**BI and Reporting Tools:** Tableau, PowerBI, Advanced Excel.

**Languages & Framework:** C, C++, Python, HTML, Hadoop, Spark.

**Tools/ Packages:**  SharePoint, MS Office, MS Visio, MS Project, SAP-ERP.

**Database:** MS Access, Hive QL, MySQL, NoSQL.

**Cloud Platforms:** Microsoft Azure, Amazon AWS.

**PROJECTS**

**Hadoop Ecosystem, Tableau - Fire Department Call Log Analysis in San Francisco** *(Aug 2018- Dec 2018)*

* Analyzed the dataset on call logs of fire department by loading data into Hadoop cluster with WINSCP.
* Identified the most frequent incidents, accident prone zones and the trend of incidents reported over the years by querying the data using HiveQL and visualized the results of the analyses using Tableau.

**Analysis of Product Sales of Walmart using Python** *(Aug 2018 - Dec 2018)*

* Analysis of product sales in Walmart based on store location and customer preference using Python and forecasting the sales in future using Time Series. Statistical insights were displayed using Power BI.
* The data was cleaned and transformed into Pandas data frame using Python. Various insights were analyzed with interactive visuals using packages like matplotlib, Plotly etc.

**Image Caption Generator using TensorFlow models** *(Jan 2019 – May 2019)*

* A website that has been developed with HTML5, JavaScript and CSS3 that will take an image as input and

will interact with the manually trained Google’s AutoML API and the Cloud Vision API to generate tags for the uploaded image. The website has been hosted through the windows server 2019.

**Platform independent mobile app using Ionic 3, Woo Commerce, Sassy CSS and Typescript.** *(Aug 2019 – Sep 2019)*

* A platform-independent mobile app which can run on iOS, android, and windows are developed using Ionic 3, woo commerce, Typescript and Sassy CSS. It is designed for shoppers to buy along with friends.

**ACCOMPLISHMENTS**

* Grade A in the Business English Certificate Vantage in BEC certification conducted by University of Cambridge ESOL examination.
* Online Amazon Web Services and Microsoft AZURE cloud certification through Lynda.
* IELTS Academic certificate with overall Band 7- CEFR level C1.
* Python for Data Analysis and Visualization certification through Udemy.
* Completed Hadoop and Spark training through BDreamz Global Solutions which is partner of Oracle Workforce and Microsoft Silver Learning.
* Python for Data Analysis and Visualization