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**EDUCATION**

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**W. P. Carey School of Business at Arizona State University**

Master of Science in Business Analytics (MSBA)

May 2023

Tempe, AZ

**Rajalakshmi Engineering College, Anna University**

Bachelor of Engineering (BE), Electronics and Communication, First Class with Distinction

May 2022

Chennai, IN

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**SKILLS & ACTIVITIES**

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- **Tools/Languages:** Python (pandas, NumPy, Scikit-learn, Matplotlib), Django, SQL, MySQL, Power Bi, Tableau, R, SPSS, XML, Angular, Microsoft Office (Word, Excel, PowerPoint), Stat Tools, Solver, TensorFlow, Computer Vision, Google Analytics, NLP, Data Wrangling, Exploratory Data Analysis, Hypothesis, Data Warehouse, Gurobi, Cplex.
- **Competencies:** Machine Learning, Business Analytics, Data Visualization, Sparks, Clustering, Statistical Modeling, Statistics, Predictive Analytics, Business Intelligence.
- **Certifications:** Google Data Analytics (Foundation Data, Data Everywhere) Certificate, Cognizant Digital Nurture 2021 Business Analyst (Aspiring Minds), AI for Everyone (Deep Learning.AI), Ongoing AWS Certification

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**PROFESSIONAL EXPERIENCE**

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**Data Scientist (Capstone Project)**

WorkFusion

January 2023 – May 2023

New York, USA

- Built an ML model to help with text extraction. Used various techniques such as NLP and active learning to perform this.
- **Managed** a team of 5 members and demonstrated problem solving skills to develop and implemented **NLP models** to extract insights from unstructured data sources.

**Data Analyst**

ISMART Innovations LLC

December 2022 – Present

Los Angeles, USA

- **Analyzed** specific situations, generated reports and strategies. Used advanced python and visualization tools to efficiently represent data. Demonstrated ability to use statistical analysis, data mining, and visualization tools to extract insights.
- **Examined** client data from various players and built personalized recommendations. Collaborated with the analytics team and communicated analysis and data-backed recommendations with stakeholders.

**Full Stack Consultant Intern**

Kaar Technologies (SAP)

June 2021 – July 2022

Chennai, IN

- Researched and explored about **SAP** ecosystem including **ABAP, PI/PO, UI5, OData, SAP ERP, and Open-Source Technologies**, angular & flutter, Node JS, Python (ML). And used it to build Portals for Clients.
- Demonstrated the ability to work effectively with cross-functional teams, including Marketing and Operations, headed a team of 50 interns in a fast-paced environment and assisted in transition to full-time employees.

**Product Data Analyst Intern**

Autotech Products Pvt Ltd

June 2021 – July 2022

Chennai, IN

- **Developed** new strategies for getting orders from various OEM's to increase turnover/revenue for the company. Gathered client data and helped with **market analysis** and predicted demand for the company.
- **Analyzed business processes** and strategy, helped in process improvement. Led to 10% increase in business performance.

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**ACADEMIC PROJECT**

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**Motion Based Gesture Control System Using AI and Python**

August 2021 – May 2022

- Constructed a zero-cost software model that works on basis of computer vision to **operate computer systems wirelessly** with the help of gestures. . **Trained model with over 20000 hand gestures** for improving its accuracy
- Developed project with Python and other libraries such as MediaPipe, NumPy. **Published** the project in a renowned journal.

**Santander Bank Customer Satisfaction**

August 2022 – September 2022

- Implemented various **EDA** methods to process and understand the data, used various classifications such as Decision Tree, Random forest, linear regression with hyper parameter tuning and also used various diagrams to represent the data.

**Potato Health Classification**

November 2022 – Jan 2023

- Developed and trained deep learning model for accurately predicting the health of potato crops using data from multiple sources.
- Utilized API integration to create a scalable and efficient platform, allowing for real-time analysis of potato crop health.

**House Prices – Advance Regression Techniques**

October 2022 – November 2022

- Developed advanced regression models to predict housing prices based on a wide range of factors. Used various ML techniques to build the model. Ensemble methods were implemented using pipelines to create the model.