
EDUCATION

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

SKILLS & ACTIVITIES

- **Tools/Languages:** Python (pandas, NumPy, Scikit-learn, Matplotlib), Django, Hadoop, Sparks, SQL, MySQL, Power Bi, Tableau, R, SPSS, XML, Angular, Microsoft Office (Word, Excel, PowerPoint), Stat Tools, Solver, TensorFlow, NLP, EDA.
- **Competencies:** Machine Learning, Business Analytics, Data Visualization, Predictive Analytics, and Business Intelligence, Computer Visions.
- **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.

PROFESSIONAL EXPERIENCE

Data Scientist (Capstone Project)
WorkFusion

January 2023 – May 2023
New York, USA

- Developed and implemented an ML model to improve text extraction from images using various OCR engines, leveraging NLP and active learning techniques and resulting in a 30% increase in accuracy and efficiency.
- Optimized data cleaning and preprocessing pipelines to improve model performance by 25%, resulting in more accurate and reliable insights efficiency. Identify business needs, deliver data-driven innovative solutions in fintech industry.
- Led a team of 5 data scientists to develop and implement NLP models that extracted billing image data from unstructured data sources. Demonstrated problem-solving skills to overcome technical challenges and meet project milestones.

Data Analyst
ISMART Innovations LLC

December 2022 – Present
Los Angeles, USA

- Analyzed specific situations, generated reports and strategies on client data. Synthesizing insights to create personalized recommendations that increased client satisfaction by 25%, which lead to increase in the client base.
- Examined client data from various players and built personalized recommendations which lead to 20% increase in performance. Collaborated with analytics team and communicate analysis and data-backed recommendations stakeholders.

Product Data Analyst
Autotech Products Pvt Ltd

June 2021 – July 2022
Chennai, IN

- Developed new strategies for getting orders from various OEM's to increase turnover for the company by 15%. Gathered client data and helped with market analysis and predicted demand for the company.
- Conducted market analysis and predicted demand for the company's products, resulting in a 20% increase in inventory turnover and a 5% reduction in stock outs. Initiated new sales strategies that increased order volume from various OEMs, resulting in a 15% increase in company revenue leading to 1.5M boost in annual sales.

ACADEMIC PROJECT

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 30000 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.

EXTRACARICULAR ACTIVITIES & VOLUNTEERING

President of School Badminton Team

- National level Badminton player, ranked amongst the top 10 players in the state.