NAGARJUNA CHIDARALA

West Lafayette IN | (704)-726-4901 | nchidara@purdue.edu | www.nchidara.com

Analytical thinker with expertise in developing data, math solutions and translating insights to business decisions

Technical Proficiency: Python, SQL, SAS, Power BI tools and using them to solve business problems using data
Conceptual Interests: Optimization (OR), Business Analytics, Classical Machine Learning, Cloud Computing
Career Aspirations: To drive strategic decision making through innovative analytics solutions and inspire teams

EDUCATION

Purdue University, Daniels School of Business   **West Lafayette, IN**
Master of Science in Business Analytics and Information Management (GPA: 3.7/4.0)   **August 2024**
Projects:
- Utilized classification techniques to enhance retention and revenue through targeted marketing strategies for Airbnb
- Implemented linear optimization methods to develop balanced exam sets, ensuring equitable result comparisons
- Employed GCP technologies - BigQuery ML and Pub/Sub, to predict real-time flight delays using BTS data
- *(Consulting - In progress)* Designing an optimized supply chain network for an auto parts mfg. company

Narsee Monjee Institute of Management Studies (NMIMS)   **Mumbai, India**
MBA – Business Analytics (GPA: 3.6/4.0, Dean's List Student)   **April 2021**

Indian Institute of Information Technology (IIIT)   **Sricity, India**
Bachelor of Technology in Electronics and Communications   **June 2017**

PROFESSIONAL EXPERIENCE

Tiger Analytics   **Hyderabad, India**
Analytics Consultant   **March 2022 – May 2023**
- Identified key drivers contributing to manufacturing waste for a CPG major using predictive modelling and the insights resulted in increasing production capacity by 13% with cost savings of USD 26 Million in 3 years
- Led a team of 4 developing and delivering Power BI dashboards for evaluating labor efficiency across 250+ plants showing probable monetary opportunities ranging $150k - $6M per manufacturing plant per year
- Delivered projects within 75% of estimated timelines following Agile principles for efficient delivery
- Collaborated with global clients across time zones and verticals for identifying improvement opportunities

Datacurate Technologies   **Mumbai, India**
Technical Consultant   **April 2021 – March 2022**
- Improved the claim revert time at a health insurance major from hours to under 5 sec with digital transformation
- Developed an extensive list of 130+ fraud indicators by collaborating with stakeholders from medical and legal
- Designed data mart architecture and schemas that enable the downstream analytics engine with required data
- Led & deployed claim processing systems based on SAS ID flagging statistically abnormal claims for review

Axis Bank   **Mumbai, India**
Summer Intern (Analytics)   **April 2020 – June 2020**
- Reduced costs from cash transport vehicles by 50% using route optimization and minimizing vehicles counts
- Implemented capacitated vehicle routing algorithm (CVRP) in python using Google-OR tools
- Successfully validated the solution in Mumbai chest during pilot phase and now expanded all over India

Velankani Software Pvt Ltd   **Bengaluru, India**
Software Engineer   **July 2017 – May 2019**
- Developed java-based solutions for a telecom client facilitating users' interaction with network elements
- Performed root cause analysis, resolved areas of concerns, reducing failure rate by more than 70%

COMPETITIONS, CERTIFICATIONS, HONORS

- Visiting Faculty at NMIMS Mumbai, currently teaching 'Fundamentals of Business Analytics' to online MBA
- Winners, SAS Optimization Challenge – 2023, Purdue University
- Winners, Crossroads Analytics Challenge – 2024 organized by NCAA, with Kaggle rank 1
- Certifications: AZ-900 Azure Cloud Fundamentals, AWS Cloud Practitioner, Data Analyst in Power BI