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I am a strong technology and finance leader who takes pride in delivering high quality solutions that achieve at most customer satisfaction. I am fortunate and thankful for my unique background and experience that encompasses engineering, finance and technology across diverse industries. My versatility enables me to act as the bridge between technical and non-technical teams. My strengths include data analysis, modeling, big picture thinking, automating reports, presenting actionable insights and mentoring. My accomplishments combined with my innate desire to learn makes me successful in learning any new technology quickly. I am passionate about leveraging Machine Learning tools and algorithms to solve business problems.

EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY

Atlanta, GA

Master of Science, Computer Science • Concentration: Machine Learning • GPA: 3.8/4.0

01/2017 – 05/2021

• Computer Networks • Artificial Intelligence for Robotics • Database Systems • Human-Computer Interaction • Machine Learning for Trading • Data & Visual Analytics • Machine Learning • Computer Vision • Introduction to Analytics Modeling • Introduction to Graduate Algorithms

• Applied supervised and unsupervised machine learning algorithms using R and Python, developed both classification and regression decision trees from scratch • Detected traffic signs & lights, corners, identified markers, warped images using augmented reality • Tracked objects using Kalman, Particle filters, used Viola-Jones algorithm to detect faces • Implemented Lucas Kanade and Hierarchical Lucas Kanade algorithms to detect motion. • Determined the shortest path for a robot navigating in a warehouse using A* and Dynamic Programming • Classified human actions such as walking, running, jogging, waving and so on using Hu's moments and K-Means • Implemented Q-learner, Spanning Tree Protocol, Distance Vector Routing algorithms • Reduced the number of variables in datasets for further analysis using Stepwise regression • Used PCA, Lasso and Ridge regressions to reduce model complexity • Developed excellent intuition and passion for solving algorithms (dynamic programming, divide & conquer, graph, NP-complete/hard).

THE UNIVERSITY OF CHICAGO, BOOTH SCHOOL OF BUSINESS

Chicago, IL

Master of Business Administration

09/2009 – 06/2012

Concentrations in Accounting, Entrepreneurship, Finance, Strategic, Operations & General Management

UNIVERSITY OF MASSACHUSETTS

Amherst, MA

Master of Science, Mechanical Engineering

MADRAS UNIVERSITY

Chennai, India

Bachelor of Engineering, Mechanical Engineering

EXPERIENCE

ALBERTSONS

Pleasanton, CA

IT Finance Manager (Cloud and Infrastructure)

02/2020 – Present

Enabled the Cloud transformation of \$60B grocer through analytical modeling, financial reporting, and analysis.

- Facilitated the Senior Vice President of Cloud and IT Operations to manage an annual budget of \$135M OpEx and \$110M CapEx.
- Created a business case to demonstrate annual savings of \$10M by migrating from MPLS to Broadband across all retail & backstage locations.
- Directed cross functional Cloud migration activities (\$286M portfolio for 4 years) primarily through budgeting, forecasting, reporting, developing business cases, tracking the benefits and identifying risks & opportunities.
- Architected end to end development of standard budget and forecast models that are adopted by the entire team (\$330M annual OpEx).
- Spear headed review of all funding requests to the steering committee and drove up the first time approval rate to 100%.
- Accomplished business case development for Technology investments greater than \$500k.

ORACLE

Redwood City, CA

Lead Business Finance Partner, Software Development

01/2017 – 02/2020

Influenced an organization of 1,700 FTE with \$2B annual revenue and \$250M annual OpEx.

- Engineered custom usage reports for metered products and provided insights into revenue trends that increased therevenue by 25%.

- Succeeded in tracking, forecasting Oracle Cloud Infrastructure expenses of \$20M/year with a 98% accuracy.
- Designed an analytical algorithm to calculate Cloud customer cancellation rates that delivered insights into productsales.
- Created capacity models for PaaS and IaaS suite of products and delivered weekly report to senior management.
- Architected centralized budget, forecast models for \$1B OpEx.
- Analyzed Cloud revenue for new offerings, determined attach opportunities with other mature products and improvedsales by 15%.
- Devised an algorithm to allocate revenue for Management Cloud products that are bundled with other products thatget all revenue credit.
- Acquired expertise in different corporate hierarchies, created custom hierarchies and presented customized P&L databy modifying hierarchies.
- Identified and corrected any misalignment of people, hardware with cost centers to ensure accurate representationof OpEx.

Senior Financial Analyst - Sales Finance NA Tech Sales

04/2015 – 12/2016

Supported the central region in forecasting, budgeting & ad-hoc analyses for On-premise, Cloud & Engineered Systems.

- Created and maintained control book that improved YoY Central region revenue (\$200M) by 15%.

Senior Financial Analyst - HQ Role

04/2013 – 04/2015

Led centralized functions and supported the R&D organization in budgeting, forecasting, reporting and ad-hoc analyses.

- Architected P&L, headcount, procurement & CapEx dashboards using business intelligence for the executiveleadership in R&D and improved the reporting efficiency by 99%.
- Developed and maintained centralized forecast, budget & quarter close models for \$4.0B OpEx.

PACIFIC GAS AND ELECTRIC COMPANY

San Francisco, CA

Senior Business Finance Analyst, Business Finance

06/2010 – 04/2013

Influenced PG&E's Customer Care Organization by planning, forecasting, target setting, reporting and variance analysis.

- Managed the annual budget of \$200M, \$100M and \$125M for the Channel Engagement, Energy Solutions & Service(ES&S) and Contact Center organizations respectively by financial planning and analysis.
- Led change management activities in Gas Transmission & Distribution (T&D) business operations using data analyticsand visualization techniques and improved the overall productivity of the programs by 25%.
- Improved the labor allocation approval time from 10 to 5 weeks.

CESSNA AIRCRAFT COMPANY

Columbus, GA

Senior Industrial Engineer

06/2008 – 06/2010

Supported Cessna's Columbus manufacturing operations to achieve high productivity, maintain schedule adherence, reduce inventory and conversion cost using analytical modeling and statistical analysis.

GEOMETRIC GLOBAL

Rochester Hills, MI

Program Manager/Consultant

03/2007 - 03/2008

Led several projects to optimize manufacturing operations of diverse clients using simulation and statistical analysis.

WASHINGTON GROUP

Troy, MI

Senior Consultant

Performed operations consulting using simulation and statistical analysis for clients in Nuclear and Defense sectors.

LANNER GROUP

Livonia, MI

Senior Consultant

Collected data, modeled, analyzed diverse manufacturing systems using simulation and statistical analysis and presented actionable insights.