

MOHAMMAD UMAIR JAFRI

MBA Finance & Strategy Optimization Student

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PROFESSIONAL EXPERIENCE

Cost Estimator & System Design Associate

Purdue University (Department of Systems Engineering)

Feb 2016 – Oct 2016 Fort Wayne, Indiana U.S.A

- Spearheaded and analyzed financial impact of manufacturing business cases and created an inventory stock-out reduction tools for clients using manufacturing system design decomposition (MSDD).
- Developed measurement and evaluation dashboards, using financial KPIs, Kanban, Variance reduction and Six Sigma approaches for Oji Intertech Inc. Nissin Brake & Therma Tru Doors Ltd.
- Redesigned (MSDD) with axiomatic design model using functional requirements and design parameters.

Financial Cost Controller

Schneider Electric (Performance Monitoring Center)

Nov 2011 – July 2013 MEA Region - Riyadh, K.S.A

- Oversee the financial progress of the company and recommend benchmarks for measuring the financial and operating performance of the 3 legal entities and the consolidation at country level by doubling revenue and reaching €400M.
- Improved profitability by keeping track of Booking & Invoicing data on weekly basis and reported to the Finance business partners for Building, Energy, Power, IT and Industry Business Units.
- Developed, implemented & recommended effective Scoreboards for Financial KPI with analysis versus (Y-1/Q-1/M-1).
- Spearheaded prior process which deals with restatement of last year financials to current year scope (changes due to organizational change, new business developments, merger or acquisition) so as to enable meaningful comparison with previous year data.
- Prepared of financial outlooks and financial forecasts. Developed, implemented and documented tools for the HFM (Hyperion Financial Management) reporting package with continuous updates.
- Scrutinized and assisted in the Budget, Rolling Forecast process & Business reviews at the full country perimeter covering all the business units. Prepared strategic reports for more than 400+ Capital Investments (CAPEX) and Operational expenses (OPEX).
- Organized and prepared reporting data & time line monthly data in liaison with the credit controller, industrial controller, project controllers and accounting manager.
- Conducted Business Unit income statement and Balance sheet reconciliation for review by CFO and Business unit Vice Presidents.
- Formulated monthly score boards to access the performance of the distributors and Panel Builders. Monitored the discount authorization process and ensure strict application of the discount policy.
- Ensured that the sales recognition of Projects & Services are in line with the percentage of completion method.
- Classified the project expenses in terms of material, labor and overheads and challenging the project manager in terms of optimization of actual costs incurred versus the budget.
- Played a key role in quarterly computation of backlog burning plan in coordination with project managers and the production team to ensure the delivery and on time completion of projects.

EDUCATION

M.B.A Finance

Indiana University

United States, Dec 2018

M.S. Industrial Engineering Tech

Purdue University

United States, 2016

Bachelor of Business Administration

Al-Yamamah University

Saudi Arabia, 2011

PROFESSIONAL SKILLS

- Financial Analysis
- Problem Solver
- Focused Analytical Thinker
- Advance Power Excel
- SAP FICO
- Hyperion
- HFM
- EssBase
- GAAP / SOX
- KPI Matrices
- Financial Modeling
- Dashboards
- Financial Performance & Risk Indicators
- Profitability Analysis by Business & Segments
- Forecasting
- Business Cases
- Bi Tools
- Consolidation
- Inventory Management
- Systematic Stock-out reduction
- Corporate Reporting
- CAPEX / OPEX
- Variance Analysis
- Process optimization
- Fundamental / Technical Analysis
- TPS Systems
- Process Improvement
- Process Re-engineering
- Six Sigma
- Minitab / SPSS
- System Design
- Data Analytics
- Power Bi
- Tableau

PROGRAMMING

- SQL
- VBA
- C-Sharpe
- HTML/CSS
- Visual Basic
- R
- Matlab
- LaTeX

SOFTWARE

- Microsoft Office Suit
- Visio
- SAP
- Oracle HFM
- Sharepoint
- Minitab
- Trading Platforms
- Tableau
- SPSS

OTHER EXPERIENCE & INTERNSHIPS

Vice President of MBA Finance Association

Indiana University

📅 Aug 2017 – Present

📍 Kokomo, Indiana U.S.A

- Scheduled monthly meetings with committee members, advisors, and other members of the group.
- Worked with the Board members, MBA administrative staff, faculty, Finance Club, and corporate sponsors to obtain and manage the appropriate resources for events.

Graduate Teaching Assistant - Applied Statistics

Purdue University (Department of Industrial Engineering)

📅 Jan 2014 – Dec 2015

📍 Fort Wayne, Indiana U.S.A

- Prepared junior and senior college student for cross curricular statistical application simplifying math concepts.
- Mentored experiential and project based learning using Minitab, SPSS and Excel add-ins for categorical and quantitative data by coaching students how to solve problems.
- Demonstrated importance of probability, normal models and sampling distributions to model chance behavior as well as Chi-square and ANOVA distribution.
- Organized proper training and SOP documentation for 150+ in class lectures.

Accounts Payable and Treasury Intern

Schneider Electric

📅 May 2009 – Aug 2009

📍 Riyadh, K.S.A

- Booking of internal and outside (IG/OG) Supplier invoices and resolved discrepancy in Coordination with supply chain division.
- Prepared Bank reconciliation for all the banks and updating daily cash situation to Senior Accountant after Scala entry.
- Prepared Fixed & Leased Assets report and monitored addition & deletions
- Researched reconciling items, prepare correspondence, and follow-up with field personnel on unexplained variances

SELECTED RECENT PROJECTS

- Global Micro-Machines Inc. (GMM): Strategic Balance Scorecard improvement project for finance and manufacturing. Improved EPS from -7 to 160 by Q8. Marketplace Live (2018)
- Hertz Global: Economic pricing and revenue maximization model using inverse demand function, game theory, regression and marginal cost reduction analysis. (2017)
- Oji Intertech Ltd. North Manchester, Indiana: Systematic Stock-out reduction in intermittent and non-deterministic customer demand environment for extrusion coating material used in headliners by GM & Ford with a confidence interval of 95%. (2016)
- Nissin Brake Findley, Ohio: Business Case Evaluation (BCE) changeover performance improvement project, reducing financial impact by \$4.5M, Findley Ohio. (2016)
- Therma Tru Ltd. Butler, Indiana: standard work process efficiency improvement project using time studies, PDCA analysis and reduced cost by improving utilization rate of mixed model assembly of doors, Butler Indiana. (2016)

REFEREES

Dr. Adam Smith, Ph.D

(Professor of Strategy and Simulation)

@ smith915@iu.edu

✉ Indiana University
765-455-9355

Dr. Joungyeon Kim, Ph.D

(Professor of Accounting / Finance)

@ kparkiso@iu.edu

✉ Indiana University
765-455-9462

Dr. David S. Cochran, Ph.D

(Head of Systems Engineering)

@ cochrand@pfw.edu

✉ Purdue University
260-481-0341

Arun Kumar Ghantasala,

(Finance Manager & Fin. Business Partner)

@ arun.kumarg@schneider-electric.com

✉ Schneider Electric France
(Previously in K.S.A)

PUBLICATIONS

📄 Journal Articles

- Cochran, David S. et al. (June 2016). "Incorporating Design Improvement with effective evaluation using Manufacturing System Design Decomposition (MSDD)". in: *Journal of Industrial Information Integration* 2 (4), pp. 65–74.
- Foley, Timothy et al. (2018). "PLASBAR rocket parachute deployment system using axiomatic design, functional requirements and MSDD". in: *In publication*.

CONFERENCES

- Tableau Indiana Conference (2017)
- SAP Sapphire Finance Solutions (2016)
- SAP Sapphire Architecture Conf. (2014)
- SAP University Alliance Program (2011)

LANGUAGES

Hindi
Urdu
Arabic

