**AKS SREENIVASAN**

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Industrial and Systems Engineer with a Green Belt in Lean Six Sigma and 2 years of work experience in process improvement and data analytics.

# EDUCATION

# Bachelor of Science in Industrial and Systems Engineering (Accredited by Engineers’ Australia)

# AUBURN UNIVERSITY

# Aug 2017

# Auburn, AL, USA

# CERTIFICATIONS

# IBM - SQL for Data Science

# May 2020

# IASSC Green Belt in Lean Six Sigma

# May 2018

# KEY TECHNICAL SKILLS

**Lean/Six Sigma Tools:** DMAIC, VOC, Control Charts, Pareto Charts, Root Cause Analysis, Kaizen

**General:** Microsoft Office Suite (Including Excel, Pivot Tables and Access)

**Programming:** HTML. CSS, JavaScript, SQL, MATLAB, R

**Data Visualisation:** Tableau, Power BI, Redash, Big Query

**Others:** AutoCAD, Rhino 3D, Autodesk Inventor, Solidworks, Minitab, SAP BW, PEGA

# WORK EXPERIENCE

PROCESS ENGINEER | COVER GENIUS

Mar 2020 – Jun 2020   
Sydney, NSW

Data Analytics: Insurance: Claims - Insurance Data Migration

* Conducted data analysis using tools such as Big Query, Power BI, Redash, Excel, SQL
* Created technical documentation to navigate data migration from one platform to another
* Used project management tools such as Monday to prioritise and schedule tasks.

BUSINESS ANALYST/CONSULTANT | DXC TECHNOLOGY

Sep 2018 – Feb 2020  
Singapore, Singapore

Data Analytics: Financial Services: Enhancements to Consumer Banking System

* Led client meetings to gather and negotiate user requirements as the sole business analyst on the project
* Used PEGA to make consumer banking system more user-friendly
* Ran Scrum meetings with development team, employed Agile framework to plan project and task execution
* Coordinated with internal and external stakeholders
* Created user stories using a AS-IS and TO-BE format
* Conducted unit testing and supported UAT efforts.
* Created technical and functional specification documents
* Used project management tools to manage resource allocation and delegated tasks to development team.

Data Warehousing: Government/Technology: Data Warehousing Project

* Conducted data analysis using tools such as Informatica, SQL, Excel, Pivot Tables, SAP BW and VBA
* Created technical documentation and functional specification documents to enhance process flow
* Created process flow diagrams
* Conducted unit testing.

LEAN SIX SIGMA TEAM LEADER | AUBURN UNIVERSITY & GOLDEN PEANUT AND TREE NUT

Oct 2016 – May 2017

Auburn, AL, USA

Lean Six Sigma based Process Improvement: Manufacturing: Golden Peanut and Tree Nut

* Presented a proposal that improved inventory management system and optimised warehouse space, resulting in $10 million cost savings.
* Conducted statistical analysis of raw data obtained from warehouse facility using Minitab, AutoCAD, Excel, MATLAB
* Used lean six sigma tools such as VOC and 5S to identify customer needs, Kaizen to eliminate waste, DMAIC to plan project outline and process flow, Ishikawa (Fishbone) Diagram to conduct root cause analysis, Pareto and Control Charts to ensure continuous improvement
* Conducted cost benefit analysis and rate of return analysis to ensure cost-effective solution.
* Identified new suppliers, obtained competitive customised quotations and created new relationship opportunities for the company

**UNDERGRADUATE RESEARCH ASSISTANT| AUBURN UNIVERSITY**Aug 2016 – Dec 2016  
Auburn, AL, USA

GIS based Process Improvement: Improving responsiveness of Emergency Services: Lee County 911

* Conducted physical checks of residential addresses and used GIS mapping software to modify maps of the addresses to ensure that the records matched, thus making it easier for the emergency services to arrive at the correct location

# OTHER EXPERIENCE

**Elected Treasurer** - International Student Organisation (2012 – 2013) responsible for organising campus wide events with over 1000 attendees, negotiated student budgets with student government by applying my strong communication and organisational skills and keen eye for detail.

**Business Development** - Ecommerce early stage start-up (2015) - Thamesbury, Singapore **-** Evaluated inventory management system, analysed trends using forecasting and carried out financial assessment to determine rate of return on products, devised new sales and marketing strategies; evaluated proposals for Southeast Asian expansion.