

AKS SREENIVASAN

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<https://aksco.github.io/responsiveportfolio/>

<https://github.com/aksCo/>

PROFILE

Industrial and Systems Engineer with a Green Belt in Lean Six Sigma and about 2.5 years of work experience in process improvement and data analytics.

EDUCATION

Bachelor of Science in Industrial and Systems Engineering

Auburn University

Aug 2017

Auburn, AL, USA

(Accredited by Engineers' Australia)

CERTIFICATIONS

USYD/Trilogy Education Services – Full-Stack Development Boot Camp

Nov 2020 – Present

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

WORDPRESS WEB SUPPORT | THE VILLAGE PROJECT

Nov 2020 - Present

Sydney, NSW

- Used WordPress tools, widgets and plugins to enhance website design and accessibility
- Set up email subscription, donation forms and contact forms

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 in order to identify areas for process improvement.
- 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 estimate project delivery timelines and created a resource allocation plan in order to delegate tasks to the 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 and identified limitations to the system
- Used data visualisation tools such as Tableau to present reports to the clients.
- Created technical documentation and functional specification documents to enhance process flow
- Created process flow diagrams in order to help the team identify areas for improvement
- 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 and used this data to generate recommendations for process improvement.
- 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 set up a continuous improvement plan
- Conducted cost benefit analysis and rate of return analysis to determine the most cost-effective solution
- Identified new suppliers, held discussions with RFID (Radio Frequency Identification) and ASRS (Automated Storage and Retrieval System) vendors to better understand the options available for the warehouse.
- Obtained competitive customised quotations from different suppliers 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