# Sesha S. Machiraju

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Through her nearly two years of experience as a technical Program Manager, Sesha has worn many hats: as a passionate team player, an advocate for the customer to ensure their requirements are translated into actionable insights, and as a code monkey, utilizing her data analytics skills such as Power BI, Machine Learning, ETL, SQL, and Azure DevOps to create innovative engineering solutions. With an eagerness for continuous improvement and growth, a 'hands-on' approach, and a true passion for technology, Sesha looks forward to building her toolset and her perspective and being on the forefront of a Cloud-driven future.

## Education

B.S. Chemical Engineering | University of Washington, Seattle | September 2014 – June 2018
- Selected Activities: Emma B. Andrews Historical Research Intern (2017-2018), Undergraduate Research (2016-2018), UW Society of Women Engineers (2016-2017)

Microsoft Certified: Azure Fundamentals (AZ-900) | Issued: July 2019 | Badge

## Experience

Program Manager | Avanade | Seattle, WA | March 2019 – Present
- Drove delivery of an anomaly detection application. Planned and monitored development sprints in an Agile environment, captured client requirements and success metrics, and presented key deliverables to clients.
- Regularly acted as liaison between developer teams and stakeholders to accelerate timely sign-off for sprint features and escalation for bottlenecks.
- Developed forecasting and Machine Learning Proof of Concepts (POCs) using Power BI & Power Query, Azure Functions, and Azure Databricks. The resulting POC was used to build an insights framework for a client project to manage web application telemetry and ticket data.
- Developed documentation for feature releases, application updates, and data dictionaries to improve customer experience and focus ingestion efforts.

Program Manager | Microsoft | Bellevue, WA | October 2018 – March 2019 (Contracted through Biblioso)
- Generated 10+ daily bug fixes on Maps Vertical feature on Bing Maps, while communicating progress to customer, and if needed, interacting with internal development teams to ensure swift resolution.
- As a Technical PM, was point-of-contact for internal stakeholders, customers, and backend developer teams to ensure timely fixes and development of Power BI reports.
- Used Azure SQL, internal GIS tools, and Power BI to categorize and visualize map errors. This analysis pinpointed the source of incorrect data to a defunct service provider.

Analyst | Juno Therapeutics | Seattle, WA | June 2018 – September 2018
- Directed initiative to regularly update batch records and led QA/QC meetings with management. As a result, batch record management efficiency increased twofold over the summer quarter.
- Built dashboards using Power BI to monitor process changes in real time.
- Created and monitored information link between Cloud-based clinical data system and Spotfire to increase robustness and functionality of the feature.

Program Management Intern | Solliance | Seattle, WA | December 2017 – June 2018
- Used SQL Data Warehouse, Python, and Tableau to query and visualize data trends associated with real-time streaming of sorting data.
- Supported A/B testing, development of KPI metrics, use-case build-out, and drafting of functional specifications for stakeholder sign-off.

## Skills

- Power BI & Power Query
- SQL
- Kusto/Azure Explorer
- Jupyter/Azure Machine Learning/Azure Databricks
- Python/Pyspark
- Azure DevOps
- R Language & Environment
- Microsoft Office (Teams, Word, PowerPoint, Excel)