

## PROFILE

- Versatile product management professional with 10+ years of experience in understanding the business needs and driving product development from data-driven ideas to production ready solutions that generate business value.
  - Proven track record of execution, working in **agile** and **waterfall** methodologies, to deliver quality products.
  - Strong communication and presentation skills, ranging from presenting at large scale conferences to delivering presentations for customers and partners.
  - Expertise in formulating and solving challenging business problems by leveraging various **Machine Learning** (ML) and GIS modelling approaches.
  - Adept at data pre-processing, exploration, visualization, building ML models and deploying applications using various **Python** libraries such as Pandas, Dask, Seaborn, Scikit-learn, ArcGIS, SQL, Streamlit and Flask.
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## EDUCATION

- **M.S. Analytics**, Georgia Institute of Technology, GA **Jan 18-Dec 19**  
*Coursework* – Machine Learning, Analytics Modelling, Python for Data Analysis, Data and Visual Analytics, Regression Analysis, Database Systems, Data Analysis for Continuous Improvement, Deterministic Optimization
  - **M.S. Engineering Management**, University of Texas at Arlington, TX **Aug 08-May 10**
  - **B.S. Mechanical Engineering**, U.P. Technical University, India **Sept 02-May 07**
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## PROFESSIONAL EXPERIENCE

**Public Storage**, Glendale, CA **June 22-Present**  
**Technical Product Manager**, Data and Analytics

- Deployed a ML based price optimization model achieving 2.5% revenue growth in 3 months across 4 markets.
  - Led the design and development of executive level dashboards for diagnostic reporting of ML model performance on key business KPIs.
  - Streamlined and automated weekly ML price generation process, reducing cycle time by 66%.
  - Implemented data quality scorecards to proactively monitor data sources and drive trust in data for weekly pricing.
- Develop and manage roadmap of ML and data products, ensuring high-quality deliverables within deadlines.
- Communicate value proposition via development and management of comprehensive product documentation.
- Coordinate and prioritize feature development, aligning engineers and data scientists to deliver optimal solutions.

**Esri**, Redlands, CA **July 17-June 22**  
**Sr. Data Science Product Engineer**, ArcGIS API for Python May 21-June 22  
**Data Science Product Engineer**, ArcGIS API for Python May 19-April 21

- Evangelized spatial data science by designing a practicum project for 30+ M.S. Analytics students at Georgia Tech.
    - Built prototype of a real-world business problem and defined a proposal.
    - Led a cross-functional team to design a Bootcamp, mentor students, and gather feedback on Esri's tech stack.
  - Authored machine learning projects to showcase the various capabilities of ArcGIS Python API and the ecosystem.
    - [Thyroid Classification](#): built an end-to-end application to predict the type of Hypothyroidism.
    - [Covid-19 Trends in U.S. Nursing Homes](#): showcased the time-series capabilities of the ArcGIS ecosystem.
  - Spearheaded the migration of API's webpage to a new theme, categorized content, and redefined page layouts.
  - Enhanced user experience by re-writing the documentation for [Spatially enabled DataFrame](#), [GeoEnrichment](#), and [Data Engineering](#) modules.
  - Improved API quality by consolidating user feedback: prioritized issues for key modules, and ensured bug fixes.
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## Business Analyst, eCommerce

July 17–April 19

- *Collaborated on implementing a global ecommerce solution to improve customer journey, reduce costs, and ensure compliance.*
- Gathered and defined requirements for enhancing eCommerce store; improved user notification of products.
- Led the implementation of Adobe Analytics to eCommerce store page in collaboration with Analytics team.

## Esurance, Rocklin, CA

April 13–July 17

### Sr. Business Analyst, Product Implementation

Sept 14–July 17

### Business Analyst, Product Implementation

April 13–Aug 14

- *Enhanced insurance quoting and policy management programs for Auto product and compliance. Drove new and complex projects from business concept to IT delivery.*
- Created business requirements documents (BRD), functional specifications and process flows defining detailed rules for new business initiatives and system enhancement projects.
- Managed and executed entire projects from start to finish; Led Joint Application Development (JAD) sessions with cross-functional teams to develop, confirm business requirements and supporting rules.

## Caterpillar Inc., Peoria, IL

May 11–April 13

### Business Analyst, Global Emissions Regulatory Compliance

- *Lead a six-sigma effort on improving the reliability and accuracy of Engine Emissions data on Caterpillar's Technical Marketing Information website. The data was used by customers worldwide for import / export of engines and sale of used equipment.*
- Identified gaps in the existing process by performing SWOT, gap, and risk analysis.
- Reverse engineered the existing process by working with cross-functional teams to create 'As-Is' process flows, proposed solutions and made recommendations for 'To-Be' process.
- Achieved improved data accuracy, high customer satisfaction and reduced operating costs.

## Buy Stones Online, Kissimmee, FL

May 10–April 11

### Operations Business Analyst

- *Performed detailed analysis to better understand customer needs, developed and evaluated business requirements; examined existing data and identified areas of improvement.*
- Tracked and Analysed business trends, prepared reports based on sales history and projections.
- Managed excess and obsolete inventories; made decisions to scrap or hold for future use.

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## CERTIFICATIONS

- **Deep Learning Specialization**, deeplearning.ai May 20–Aug 20
- **Data Analytics / Big Data Certificate**, The University of Texas at Austin July 16–May 17
- **SAS Certified Professional**, SAS May 15–Oct 15

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## TECHNICAL SKILLS

- **Data Science** - Python, R, Flask, Streamlit, SQL, Google Cloud Platform, GitHub, Jupyter Notebook, ArcGIS
- **Reporting** – Looker, Tableau, Adobe Analytics, SAS
- **Project Management** - JIRA, Confluence, Workfront, Lucidchart, MS Visio