MOHIT AGGARWAL
Technical Product Manager

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View my portfolio: *https://mohitagr18.github.io*
Fontana, CA

Results-oriented Product Manager with a 10+ year track record of successfully bringing data-driven products to market. Skilled in all stages of the product lifecycle, from concept to launch, with a strong focus on translating user insights into product strategy, managing requirements, and delivering impactful solutions.

PROFESSIONAL EXPERIENCE

Technical Product Manager, Data Science   Jun 2022 - Present

Public Storage | Glendale, CA

➢ *Responsible for product strategy and roadmap, focused on enhancing customer experience and optimizing revenue generation through data-driven solutions. Contributed to cross-functional initiatives to implement new technologies and improve operational efficiency.*

- Achieved a 0.5 sec page load speed improvement, in collaboration with website performance team, by implementing a first-party data collection tool.

- Delivered a 1.4% revenue lift in 8 initial markets and a 66% reduction in cycle time through the implementation of an ML-based price optimization model. Scaling this solution to 80+ markets.

- Enhanced customer segmentation, targeting and personalization, by implementing a Customer Data Platform (CDP) driving increased website conversion.

- Partner with engineering, marketing, UX, and data science teams on defining product requirements, prioritizing use cases, and implement data-driven strategies for personalized recommendations.

- Ensured on-time and on-budget delivery by managing timelines and resource allocation for data science initiatives, proactively identifying and mitigating potential risks and dependencies.

- Maintain executive-level dashboards and reports communicating progress, risks and KPIs to stakeholders.

Sr. Data Science Product Engineer, ArcGIS API for Python   Apr 2020 - Jun 2022

Esri | Redlands, CA

➢ *Drove cross-functional initiatives to advance spatial data science and ML capabilities within the ArcGIS ecosystem.*

- Enhanced practical skills of 30+ Georgia Tech M.S. Analytics students through a comprehensive ArcGIS practicum, incorporating a real-world business challenge, prototype development, technical bootcamp, and mentorship.

- Developed ML projects utilizing ArcGIS Python API and ecosystem, showcasing capabilities for diverse applications.

- Revamped the documentation for key API modules, improving clarity, usability, and reduced support requests.

- Prioritized user feedback to improve API, collaborating with engineering on fixes and enhancements.

Business Analyst, ecommerce   Jul 2017 – Apr 2020

Esri | Redlands, CA

➢ *Collaborated on implementing a global ecommerce solution to improve customer journey, reduce costs, and ensure compliance.*

- Translated user needs into detailed requirements for the ecommerce platform, improving user experience.

- Led the implementation of Adobe Analytics to ecommerce store page enabling data-driven insights into customer behavior and KPI tracking.

Sr. Business Analyst, Product Implementation   Apr 2013 - Jul 2017

Esurance | Rocklin, CA

➢ *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.

Business Analyst, Global Emissions Regulatory Compliance   May 2011 - Apr 2013

Caterpillar Inc.| Peoria, IL

➢ *Led a Six Sigma effort to improve the reliability and accuracy of engine emissions data on Caterpillar's Technical Marketing Information website, crucial for global customers in engine import/export and equipment sales.*

- Identified gaps in the existing process by performing SWOT, gap, and risk analysis.

- Collaborated 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.

Operations Business Analyst   May 2010 - Apr 2011

Buy Stones Online | Kissimmee, FL

➢ *Performed detailed analysis to better understand customer needs, developed and evaluated business requirements; examined existing data and identified areas of improvement.*

- Tracked and Analyzed business trends, prepared reports based on sales history and projections.

- Managed excess and obsolete inventories; made decisions to scrap or hold for future use.

EDUCATION

M.S. Analytics, Georgia Institute of Technology, GA   Jan 2018 - Dec 2019

M.S. Engineering Management, University of Texas at Arlington, TX   Aug 2008 - May 2010

B.S. Mechanical Engineering, U.P. Technical University, India   Sep 2002 - May 2007

CERTIFICATIONS

Deep Learning Specialization, deeplearning.ai   May 2020 - Aug 2020

Data Analytics / Big Data Certificate, The University of Texas at Austin   Jul 2016 - May 2017

SAS Certified Professional, SAS   May 2015 - Oct 2015

TECHNICAL SKILLS

Programming Languages - Python, R, SQL

Data Science Tools and Technologies - Jupyter Notebook, Flask, Streamlit, BigQuery, ArcGIS, Dataflow, DBT, Vertex AI

Data Visualization and Reporting - Looker, Tableau, SAS

Project Management and Collaboration - JIRA, Confluence, Workfront, Lucidchart, MS Visio