Gautham Thirunavakkarasu

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TECHNICAL SKILLS

Programing/Query Languages: Fluent in Python (scikit-learn, TensorFlow, pandas, NumPy, etc.), SQL, R and git.
Cloud Solutions: AWS (Glue, Kinesis, Sage Maker, etc.), Salesforce (PaaS)
Visualization with matplotlib, ggplot2 and Quicksight.

EXPERIENCE

Product Manager, Publicis Sapient   San Francisco, CA. 2020 – Present
- Delivered cloud-based platform solution, transacting 4% of $300 billion annual tax assessment for California County offices by enabling govt. auditors to accurately value asset depreciation datasets of business property.
- Enhanced customer adoption by 60% for the data ingestion feature which integrates CAA's Standard Data Record system with tax assessment platform demonstrating near real-time processing of annual asset calculation.
- Led cross-functional team of engineers and architects to build custom platform feature which allowed for SQL query and visualize personal asset details of 15 thousand large business corporation and SFO air transport datasets.
- Developed and streamline user-experience flows, execution and go-to-market strategy along-with canary release and A/B testing. Conducted client interviews to influence product trade-offs and refine the solution roadmap.
- Data Analytics Specialist for the design, scope and development of machine learning solution products and develop insights in the company's financial services and product management portfolios.

Senior Associate, Publicis Sapient   2019 – 2020
- Awarded "Outstanding Teamwork and Public Service Award", 1 of 10 awardees from 50 participants for delivery of overhauled trend calculation framework replacing legacy spreadsheets for government property auditors.
- Increased data enrichment by 65% for county aircraft data by incorporating federal data sources and researching client business to inform product requirements and grow the platform solution roadmap.

Product Analyst, AMAZON   Bengaluru, India. 2015 – 2016
- Analyze large e-commerce transaction datasets to build dashboards and documented customer trends, anomalies and report on key metrics to enable the product risk analytics team and engineering teams.

EDUCATION

- M.S., Mechanical Engineering. University of Texas at Arlington, Texas.
  Member of NSF Grant study and published industry research paper for ASME 2018 International Technical Conference, InterPACK 2018, San Francisco, CA, USA. DOI: 10.1115/IPACK2018-8436
- B.S., Mechanical Engineering. VTU, India.

LEADERSHIP AND OTHER AWARDS

- ***Founder***, BTB Team, 2021: Sapient Internal 3D-printing club which grew to 25+ members during the pandemic era. Raised $5000 in sponsorship for designing and printing custom face-protection masks.
- ***1st Runner Up***, *PS Hackathon* 2021 for PDF Inspector Solution: Conceptualize, design and implementing unstructured data indexing solution on AWS Sage Maker Studio and Kendra ML services.
- Recipient of **PS Core Value Award** – "*Embracing the Future*", 2020 (1 of 10 awardees from 100+ participants, for bringing data science and open-source frameworks into government business projects.)

CERTIFICATIONS

- SAFe Certifications – 5.0 Product Manager (POPM) and Agilist.
- AWS Certifications – Solution Architect (Associate) and Cloud Practitioner.
- Data Science Professional Certification Program – Stanford School of Engineering.

INTERESTS

- 3D - Printing and Obstacle Trail Races (Spartan SUPER 10K 2021, Mount Diablo, CA)