# Gautham Thirunavakkarasu

469 4325281 | San Francisco | thi.gautham@outlook.com | LinkedIn | thgautham.com

## TECHNICAL SKILLS

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

## EXPERIENCE

**Product Manager - Financial Services, Publicis Sapient**                          San Francisco, CA. 2020 – Present
- Delivering a platform solution, transacting 4% over $275Bn annual tax assessment for county offices by enabling taxpayers with near real-time processing of asset depreciation in large business operations.
- Developed a python script for parsing XML to CRM platform using AWS Lambda (lightweight ETL) as a proof of concept which was incorporated into production and drove user adoption by 67% in the first two quarters of release.
- Leading the vision, implementation and 3-year product roadmap by collaborating with cross-functional development teams and user groups to drive feature prioritization and ensure timely product delivery.
- Responsible for delivering commercially viable product through iterative development by incorporating data, user research and market analysis to inform product strategy, roadmaps and value stream mapping.
- Partnered with senior leadership in defining strategy, developing RFP's of $4M real estate valuation with data migration and machine learning solutions to tax administration offices in the state of California.

**Senior Associate - Financial Services, Publicis Sapient**                          Redwood City, CA. 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.
- Enriched 85% of 3K aircraft datasets assessed at $11Bn by incorporating federal data sources (FAA) and state airport databases to inform product requirements and define a go-forward vision contributing to discovery strategy.

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

## EDUCATION

- M.S., Mechanical Engineering. University of Texas at Arlington, Texas.
  *Member of National Science Foundation (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. Visvesvaraya Technological University, India.

## LEADERSHIP AND OTHER AWARDS

- **Founder**, BTB Team, 2021: Sapient Internal 3D-printing club which grew to 25+ members during the pandemic era. Raised $2500 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.
- **Publicis Sapient 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 (PMO) and Agilist.
- AWS Certifications – Solution Architect (SAA-C02) and Cloud Practitioner (CLF-C01).
- Data Science Professional Certification Program – Stanford School of Engineering.

## INTERESTS

- 3D – Printed face-covering masks and toys and Obstacle Trail Races (Spartan SUPER 10K 2021, Mount Diablo, CA)