

## Brooklin Santosh A G S

Kaggle 1x Expert | Microsoft 2x Certified

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Lead Data Scientist aspiring to become an AI Architect, with a strong ability to solve complex problems and design scalable AI-driven applications that drive innovation and business impact.

**Analytical Programs:** Python, Git, SQL, API, Tableau, Excel, Power BI

**Real world experience with:** Regression, Classification, Ensembling, Time Series, Forecasting, Deep Learning, NLP, Streamlit, Flask, Flask-Restful, Generative AI, Prompt Engineering, Langchain

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### PROFESSIONAL EXPERIENCE

**Accenture, Bengaluru, KA**

**Oct 2024-Present**

**Lead Data Scientist - VAIS Google**

- Managed clients of Google, consisting of leading global retail and media enterprises, ensuring seamless onboarding into Vertex AI Search for Retail and Media.
- Conducted comprehensive audits of customer catalogs to maintain data accuracy and compliance.
- Identified, triaged, and resolved critical issues, enhancing platform functionality and customer experience.
- Designed and executed A/B tests to assess performance, successfully securing customers for Google.

**Lead Data Scientist – Accenture Advanced Analytics COE**

**Oct 2021-Oct 2024**

- Designed and developed "Narratives Maker," an AI-powered application that generates contextual insights, including anomaly detection, descriptive analysis, and time/target-based variance analysis, using Isolation Forest, Generative AI, LangChain, Azure OpenAI, and LLMs like GPT-3.5 Turbo and GPT-4o.
- Built the application architecture from scratch, ensuring scalability and seamless integration with web-based dashboards, Power BI, and multiple data sources (SQL, BigQuery, Azure Data Stores, Excel/CSV).
- Developed a UI configurator that allows users to customize data sources, analysis types, and output destinations.
- Deployed Narratives Maker across Accenture, supporting dashboards used by top leadership and C-suite executives. Led customer interactions, from requirement gathering to implementation and continuous improvements.
- Built a user-friendly Streamlit web application for exploratory data analysis, baseline modeling, and feature importance evaluation.

**TATA Consultancy Services, Bengaluru, KA**

**Jun 2016-Oct 2021**

**IT Analyst**

- Developed an application to generate and send daily reports on suspended files, automating their deletion and significantly reducing manual effort.
- Designed and implemented an application to monitor and report discrepancies between lower environments and production, cutting manual effort by 50%.
- Developed Ansible scripts to streamline and automate continuous deployments for existing applications.
- Built a web service application for a multinational financial services company, enhancing system functionality and efficiency.

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### CERTIFICATION

Analytics Vidhya	<b>Certified AI &amp; ML Blackbelt+ Program</b>	<b>2022</b>
Udemy	<b>Python for Data Science and Machine Learning Bootcamp</b>	<b>2019</b>
Coursera	<b>Machine Learning Foundations: A Case Study Approach</b>	<b>2018</b>

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### EDUCATION

SASTRA University, Thanjavur, TN	<b>B.Tech ECE</b>	<b>2012-2016</b>
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