

# SRIHARSHA B S PRASAD

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<https://sriharshabspasad.github.io> · <https://www.kaggle.com/sriharshabspasad>

## SUMMARY

A passionate Applied AI/ML Scientist (Data Scientist) with nearly 10 years of diverse experience working with cutting-edge technologies to solve real world problems. Skilled in Product Design & Development, Data Science, Big Data, and Analytics. Known for strong analytical and technical skills, attention to detail, and a high work ethic in transforming complex requirements into practical solutions. Led technical teams to develop multiple ML products and solutions, successfully bringing them to production-ready versions.

## SKILLS

Programming Languages:	Python, R, SQL
Data Science Tools:	Tensorflow, Keras, Pytorch, Scikit-learn, Numpy, Pandas, NLTK, Matplotlib
Other Tools:	OpenCV, FastAPI, H2O.ai, Rasa, Git, Docker, Container orchestration, MLFlow
Cloud Technologies:	AWS - S3, EC2, SageMaker, Dynamo DB, RDS, Lambda
ML Techniques:	Classification, Regression, Clustering, Association, Recommender Systems
DL Techniques:	ANN, RNN, CNN, Object Detection, Object Tracking, Transformer Models
Large Language Models(LLMs):	GPT-4, Llama, Mistral 7B Instruct, Zephyr, Bart, T5, Prompt Engineering

## PATENTS

A Non-Provisional Patent Application has been published for the application titled Systems and Methods for Modeling OmniChannel Data (Patent Application No. 18/464,905) - JPMorgan Chase & Co.

## AWARDS

Global Hackathon, Top 10 Winner: Achieved 4th place	JPMorgan Chase & Co.
Regional Champion winner from CAN SEA & India Q4 2021	Cargill
Woody Allen Award	Quantiphi
Think Tank Award	Quantiphi
HPE Quarterly Recognition	HPE

## EDUCATION

<b>Bellevue University</b>	NE, USA
Master of Science in Data Science	Aug 2023 - Jun 2025
<b>S J B Institute of Technology</b>	Bengaluru, India
Bachelor of Engineering in Information Science and Technology	Sep 2011 - Jun 2015

## CERTIFICATION

AWS Certified Machine Learning - Specialty  
AWS Certified Cloud Practitioner  
Machine Learning , Stanford University Online  
Deep Learning Specialization, DeepLearning.AI  
Data Analysis with R Specialization, Duke University Online  
Oracle Certified Associate, Java SE 7 Programmer

## WORK EXPERIENCE

<b>JPMorgan Chase &amp; Co.</b>	Plano, Tx
<i>Applied AI ML Associate Sr</i>	Nov 2022 - Current

- Designed and deployed scalable AI solutions using LLMs for enterprise-wide automation.
- Built real-time classification and notification systems to enhance client service responsiveness.
- Developed AI-powered tools to streamline software development workflows and increase productivity.
- Led end-to-end text classification and sentiment analysis initiatives using NLP and deep learning.
- Delivered high-performing models for regulatory and compliance use cases with >95
- Created and scaled multi-adaptor inference systems for diverse enterprise use cases.
- Supervised a team in developing annotation tools for Human-in-the-Loop processes.

- Integrated solutions with internal ML Ops frameworks to support real-time inference.

**Infomatics, Client - Daimler Truck Financial Services**  
*Data Scientist*

Farmington, MI  
Apr 2022 - Nov 2022

- Developed forecasting models for small business acquisitions and market penetration.
- Conducted regional trend analysis to support strategic business planning.
- Built unsupervised models for identifying customer service themes in large datasets.
- Created scalable pipelines for processing multi-billion word corpora.
- Optimized NLP models for domain-specific applications across business verticals.
- Automated business insights delivery through monthly and annual reporting.

**Cargill**  
*ML Software Engineer*

Bengaluru  
Nov 2020 - Mar 2022

- Led teams in developing customer service chatbots using NLU and dialogue management.
- Built NER systems to extract key information from transactional emails.
- Deployed real-time inference APIs using FastAPI and TensorFlow Serving.
- Applied transfer learning on pre-trained models for business-specific use cases.
- Designed modular ML pipelines to support rapid prototyping and deployment.
- Enhanced model precision and robustness for production-grade applications.

**Quantiphi**  
*Senior Machine Learning Engineer*

Bengaluru  
Feb 2019 - Oct 2020

- Managed cross-functional teams delivering AI solutions across computer vision and NLP.
- Designed systems for customer behavior analytics and real-time decision making.
- Built scalable detection frameworks for cybersecurity and anomaly detection.
- Created machine learning solutions for recommendation systems and upselling.
- Automated ML workflows for non-technical stakeholders using cloud-based templates.
- Deployed models via cloud infrastructure to support enterprise-grade applications.
- Delivered reusable ML assets that accelerated deployment for multiple clients.

**Tredence**  
*Software Engineer*

Bengaluru  
May 2018 - Jan 2019

- Developed A/B testing frameworks for marketing performance analysis.
- Built sentiment analysis and classification models for retail product reviews.
- Applied topic modeling to extract business insights from unstructured text.
- Delivered deployable NLP pipelines integrated into client analytics systems.
- Collaborated with data engineers to ensure production-readiness of ML solutions.

**Hewlett Packard Enterprise**  
*SW Engineer Firmware I*

Bengaluru  
Nov 2015 - May 2018

- Built automated analytics platforms for firmware and server diagnostics.
- Applied NLP and classification to identify root causes of server outages.

- Developed error-pattern discovery tools using association rule mining.
- Visualized system health data through interactive dashboards for engineering teams.
- Collaborated with R&D to enhance product reliability through data-driven insights.
- Delivered predictive tools that reduced warranty costs and improved support outcomes.