AMIT JAGADISH SURE

AI Engineer | 3.5 years of experience

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https://stackoverflow.com/users/8063334/amit-js

Experience

Tiger Analytics | Sr Data Analyst   3/2022 - 11/2023
- Worked as a Sr Data analyst for one of the largest credit bureaus in the USA and globally - Experian
- Collaborated with US banks and financial institutions to recommend fraud models and scores tailored to their specific use cases.
- Directly interacted with clients to gather requirements and partnered with internal teams to deliver results.
- Validated model-produced scores using appropriate metrics and reported on their performance.
- Automated numerous tasks, reducing processing time from days to minutes, which increased team productivity and decreased turnaround time by a factor of 96x.
- Automation saved significant time and eliminated manual errors.
- Developed a Tableau project to showcase the ROI, performance, and cost-benefit simulations of fraud scores.
- Designing lean Proof of Concepts (POC) to answer targeted business questions

Saigeware Technologies Private Limited
AI Software Engineer   11/2020 - 1/2022
- MLOps : end to end ML and DL model development, validating, deploying, monitoring, and improving the model performance in the field of Cardiac & Pulmonary
- Using machine learning and statistical modelling techniques to develop and evaluating algorithms to improve performance, quality, data management and accuracy
- Building new models to extract more value from the customer data we collect, which will help us know more about users
- Understanding business objectives and developing models that help to achieve them, along with metrics to track their progress
- Delivering valuable insights via data analytics and advanced data-driven methods
- Formulating plans, prototypes, proposals and high-level design of new features
- Optimizing the models for mobile devices and working on AI edge inference solutions
- Visualizing complex datasets, gathering insights, and data extraction
- Automating the tasks to save time and resources & conducting research
- Guiding interns and advising the team on the best ML, software practices, and tools

Aidetic Software Private Limited
Deep Learning Engineer - Intern   01/2020 - 06/2020
- Developed & improved Deep Learning techniques for Real-Time Computer Vision Applications for Object Detection and Classification
- Worked NLP tasks like Topic Modelling, Neural Translation, Similarity, question answering, summarization
- Participated in Algorithm and Logic design for Image processing and output processing, implementation, debugging and improving existing techniques
- Created scalable deep learning models according to the requirements and runtime constraints
- Designed and wrote the pipelines to handle the data using Multiprocessing
- Played a key role in Data Exploration, Visualization & Cleaning
- Wrote the scripts to automate the tasks & fine-tuned the model performance
- Tested the model to be used in production

SKILLS
Algorithms, OOP, Data Structures, Regex, Statistics, debugging, Linux Commands, containers (docker), REST API, Calculus & Algebra, LLMs, Prompt Engineering, RAG, Agentic AI, MCP, A2A, LangGraph, LangChain, Quantizing DL models, hypothesis testing, A/B testing **DBMS:** SQL, NoSQL **Cloud:** AWS, GCP, Azure **Version Control:** Git **Coding:** Python, C++, C, Octave/Matlab, Bash **Data-handling:** Numpy, Pandas, Scikit-learn **Computer Vision:** Object Detection & Segmentation (OpenCV, PIL) **NLP:** Gensim, Spacy, Transformers **Data Visualization:** Matplotlib, Plotly, seaborn, Tableau **ML/DL Libraries:** Keras, PyTorch, TensorFlow, Fastai, Caffe (ONNX, MMDNN), H20, AutoKeras **Data Science:** Regression, Time-Series Analysis, Bayesian

Methods, Tree-Based Learners, SVM, Dimensionality Reduction, Recommendation Systems **Big Data:** PySpark **NVIDIA:** TensorRT, NVDLA **Backend:** Flask, FastAPI

Education

Course	Institution	Year	Score
BE - Telecommunication	RV College of Engineering, Bangalore	2019	7.17/10
12th (PUC)	Vagdevi PU College, Bagalkot	2015	90.16%
10th (High School)	St Ann's Convent High school, Bagalkot	2013	91.36%

CERTIFICATION COURSES	COMPETENCIES	LANGUAGES	ACTIVITIES & HOBBIES
Deep Learning - Specialization (Coursera) Machine Learning (Coursera) Python Programming (Udemy) Other MOOCs undertaken: fast.ai - ML, DL	Analytical Thinking & Problem Solving, Documentation, Multi-tasking, Curiosity, Quick Learner	English, Hindi, Marathi, Kannada, Malayalam (beginner)	Swimming, Classical Music, Chess, Reading (Books, blogs), Yoga, Meditation

References:

- Seth Kressin
  Data Scientist - Analytics Manager | Experian North America
- More available on LinkedIn

Sabbatical

- Took a sabbatical to upskill myself for life, travel, and gain new experiences.
- Traveled extensively throughout India, experiencing its rich cultural tapestry.
- Volunteered at the Isha Yoga Center
- Undertook a 50-day immersive experience at the Maha Kumbh Mela 2025 in Prayagraj, a globally significant event.
- This transformative experience equipped me with essential resilience and practical tools for navigating life's challenges.
- Returning with a refreshed perspective and heightened problem-solving capabilities, eager to apply deepened strategic thinking to solve problems in professional and personal life.

Isha Foundation

Volunteer, Skill Development and Travelling   **11/2023 - 12/2024**

- Volunteered at the Isha Yoga Center, driven by Sadhguru's vision, particularly his initiatives promoting ecological harmony and a profound reconnection with nature like Cauvery Calling and Save Soil. My time involved living amidst the natural surroundings at the foothills of the Velliangiri Mountains, allowing for a deep engagement with the elements of nature.
- I got accepted into the Sadhanapada program, a selective global initiative (1,200 were selected out of 30,000 applicants) which is a 7-month residential program for inner transformation. It is designed for those looking to establish balance, clarity and emotional stability, to live an intense and energetic life.
- Contributed to the Data Science team, streamlining operations and improving decision-making for the Sadhanapada application process, including dashboard and visualization design.
- Cultivated inner stability and enhanced capabilities to manage work efficiently and calmly, fostering mental clarity that drives success in both personal and professional pursuits.
- Gained diverse practical experience through activities like cooking, farming, and promoting yoga, where I offered my skills and gave back to society through Sadhguru's vision.

Maha Kumbha 2025   **01/2025 - 3/2025**

- This personal initiative allowed for deep exploration of its unique energy, logistical complexities, and vibrant cultural tapestry.
- Gained unparalleled exposure to large-scale temporary city management, complex logistical coordination, and diverse community engagement by living on-site and actively participating in daily life, including engaging with various akhadas and daily rituals of bathing in the sangam
- Cultivated enhanced adaptability, resilience, mindfulness, and cross-cultural communication skills within a dynamic and challenging environment.