




SRIKRISHNAA J

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WORK EXPERIENCE

Data Science Associate
TheMathCompany

Jun 2022 -
Bengaluru, India

Currently working as a data science (DSaaS) consultant for a leading international supply chain logistics brand that has developed demand prediction and optimization machine learning algorithms for effective inventory management and fulfillment at retail stores and distribution centres. As a data science consultant, I have regular interactions with international clients working at a leading UK supermarket for whom I provide support for the usage of the ML algorithms. Some of my workflows include - presenting information professionally and concisely with supporting data, conducting root cause analysis using data, providing recommendations for solutions and action plans based on deep-dive outcomes for effective supply chain planning across all SKUs.

Data Science Analyst
TheMathCompany

Feb 2022 - Jun 2022
Bengaluru, India

Doctoral Researcher (discontinued)
University of Luxembourg

Feb 2021 - Sep 2021
Luxembourg

AREAS OF INTEREST

Data Science, Machine Learning, Statistics, Data Visualization, Business Intelligence, Supply Chain Management, Retail, Finance and Banking, Scientific Computing

CERTIFICATIONS

M.Tech Data Science and Engineering

Oct 2022 -

A part-time, work integrated, 2-year M.Tech course provided by BITS Pilani. To learn advanced data science and data engineering skills.

IBM Data Science Professional Certificate



To build data science skills and apply them using Python and SQL, analyze and visualize data and build machine learning models.

EDUCATION

Indian Institute of Science Education and Research, Kolkata
BS-MS dual degree in Physics (minor in Mathematics)
CGPA: 8.25/10

2015-2020

Chettinad Hari Shree Vidyalayam, Chennai
Indian School Certificate
Percentage: 96.4

2015

Chettinad Hari Shree Vidyalayam, Chennai
Indian Certificate of Secondary Education
Percentage: 92.33

2013

TECHNICAL STRENGTHS

Python

7+ years experience (work, academic, and hobby) in scientific computation using Python libraries:

Scientific Computation	numpy, scipy
Data Analysis	pandas
Data Visualization	seaborn, matplotlib, folium
Machine Learning	scikit-learn, Tensorflow 2.0
Parallel Computing	dask
DAG management	Apache Airflow
Dashboarding	streamlit, flask, plotly dash
Webscraping	beautiful soup

Strong knowledge of topics in machine learning and artificial intelligence.

Strong knowledge of machine learning concepts using Tensorflow 2.0 and scikit-learn packages. Have implemented concepts for standalone end-to-end projects.

SQL

Strong experience SQL statements to query databases. Very comfortable with handling complex RB-DMS architectures and writing queries from scratch to fetch the data. Hands on experience with Snowflake, Exasol and MySQL databases.

Web Dev

Languages - HTML, CSS, PHP, Javascript

7+ years experience coding in HTML and CSS throughout bachelor and master studies and beyond. Part of the web dev team for IISER Kolkata college fest 2 years in a row (2016 and 2017). I was in-charge of the website backend - implemented successfully using PHP and MySQL. Had the same role for college literary newsletter “Muse” website in 2018.

Successfully co-organized a week-long international online cryptography quiz event - “Cryptek” (2017). I was part of the quiz team as well as the sole member of the web dev team - designed both front end and back end of the website.

Other Programming Languages

Knowledge of Java, C++, C, and OOPS concepts and implementations. Knowledge and experience implementing scientific computations in MATLAB throughout master studies.

Other Software

- **L^AT_EX**: 3+ years compiling and editing my report summaries on L^AT_EX, my preferred typesetting software.
- **MS Office**: working knowledge of MS Word, MS Excel and MS Powerpoint.
- **Issue/Project Tracking Software** Salesforce and Atlassian JIRA

- **Operating Systems:** Have worked with Windows, MacOS, and Linux systems. Have the ability to switch between operating systems seamlessly. Comfortable with command line syntax of all three operating systems.

EXTRA-CURRICULARS

- Co-organiser of Cryptek '17 - an international online cryptography puzzle solving quiz event as part of college fest Inquivesta '17.
- Kolkata topper of Mimamsa 2017, the annual science quiz competition held by IISER Pune.
- Hobbies: Gym, Coding and creating small web apps (example: F1 data analysis using streamlit, Stock price prediction app using neural nets, Flight price prediction using random forest regression, Movies, Books and Gaming. Avid cricket, football and F1 fan.